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# Hitachi Compute Blade 2500 Series
## MIB User Guide

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Hitachi Data Systems

MK-99CB2500007-01

# Contents

# Preface

This document describes how to use the Compute Blade 2500 series.

This preface includes the following information:

**Notice:** The use of Compute Blade 2500 series and all other Hitachi Data Systems products is governed by the terms of your agreement(s) with Hitachi Data Systems.

## Intended Audience

This document is intended for the personnel who are involved in planning, managing, and performing the tasks to prepare your site for Compute Blade installation and to install the same.

This document assumes the following:

- The reader has a background in hardware installation of computer systems.
- The reader is familiar with the location where the Compute Blade will be installed, including knowledge of physical characteristics, power systems and specifications, and environmental specifications.

## Product Version

This document revision applies to Compute Blade 2500 Series CB 520H.

## Release Notes

Release notes contain requirements and more recent product information that may not be fully described in this manual. Be sure to review the release notes before installation.

## Document Organization

The table below provides an overview of the contents and organization of this document. Click the chapter title in the left column to go to that chapter. The first page of each chapter provides links to the sections in that chapter.

| Chapter | Description |
|---|---|
| Chapter 1, Format of MIB descriptions | Describes the format of MIB descriptions. |
| Chapter 2, Standard MIBs | Describes items for standard MIBs. |
| Chapter 3, Private MIBs | Describes items for private MIBs. |

## Referenced Documents

- Hitachi Compute Blade 2500 Series Getting Started Guide, MK-99CB2500003
- Hitachi Compute Blade 2500 Series Management Module User Guide, MK-99CB2500004
- Hitachi Compute Blade 2500 Series UEFI Setup Guide, MK-99CB2500005
- Hitachi Compute Blade 2500 Series Logical Partitioning Manager User Guide, MK-99CB2500006

# Document Conventions

The term "Compute Blade" refers to all the models of the Compute Blade, unless otherwise noted.

The Hitachi Virtualization Manager (HVM) name has been changed to Hitachi logical partitioning manager (LPAR manager, or LP). If you are using HVM based logical partitioning feature, substitute references to Hitachi logical partitioning manager (LPAR manager, or LP) with HVM.

This document uses the following typographic conventions:

| Convention | Description |
|---|---|
| **Bold** | Indicates text on a window, other than the window title, including menus, menu options, buttons, fields, and labels. Example: Click **OK**. |
| *Italic* | Indicates a variable, which is a placeholder for actual text provided by the user or system. Example: `copy` *source-file target-file*<br>*Note:* Angled brackets (< >) are also used to indicate variables. |
| `screen/code` | Indicates text that is displayed on screen or entered by the user. Example: `# pairdisplay -g oradb` |
| < > angled brackets | Indicates a variable, which is a placeholder for actual text provided by the user or system. Example: `# pairdisplay -g <group>`<br>*Note:* Italic font is also used to indicate variables. |
| [ ] square brackets | Indicates optional values. Example: `[ a \| b ]` indicates that you can choose a, b, or nothing. |
| { } braces | Indicates required or expected values. Example: `{ a \| b }` indicates that you must choose either a or b. |
| \| vertical bar | Indicates that you have a choice between two or more options or arguments. Examples: `[ a \| b ]` indicates that you can choose a, b, or nothing. `{ a \| b }` indicates that you must choose either a or b. |

This document uses the following icons to draw attention to information:

| Icon | Meaning | Description |
|---|---|---|
| **WARNING** | WARNING | This indicates the presence of a potential risk that might cause death or severe injury. |
| **CAUTION** | CAUTION | This indicates the presence of a potential risk that might cause relatively mild or moderate injury. |
| **NOTICE** | NOTICE | This indicates the presence of a potential risk that might cause severe damage to the equipment and/or damage to surrounding properties. |
| Note | Note | Calls attention to important or additional information. |

| Icon | Meaning | Description |
|---|---|---|
| Tip | Tip | This indicates advice on how to make the best use of the equipment. |

## Convention for storage capacity values

Physical storage capacity values (for example, disk drive capacity) are calculated based on the following values:

| Physical capacity unit | Value |
|---|---|
| 1 kilobyte (KB) | 1,000 ($10^3$) bytes |
| 1 megabyte (MB) | 1,000 KB or $1{,}000^2$ bytes |
| 1 gigabyte (GB) | 1,000 MB or $1{,}000^3$ bytes |
| 1 terabyte (TB) | 1,000 GB or $1{,}000^4$ bytes |
| 1 petabyte (PB) | 1,000 TB or $1{,}000^5$ bytes |
| 1 exabyte (EB) | 1,000 PB or $1{,}000^6$ bytes |

Logical storage capacity values (for example, logical device capacity) are calculated based on the following values:

| Logical capacity unit | Value |
|---|---|
| 1 block | 512 bytes |
| 1 KB | 1,024 ($2^{10}$) bytes |
| 1 MB | 1,024 KB or $1{,}024^2$ bytes |
| 1 GB | 1,024 MB or $1{,}024^3$ bytes |
| 1 TB | 1,024 GB or $1{,}024^4$ bytes |
| 1 PB | 1,024 TB or $1{,}024^5$ bytes |
| 1 EB | 1,024 PB or $1{,}024^6$ bytes |

## Getting help

The Hitachi Data Systems customer support staff is available 24 hours a day, seven days a week. If you need technical support, log on to the Hitachi Data Systems Portal for contact information: https://portal.hds.com

# Comments

Please send us your comments on this document: doc.comments@hds.com. Include the document title and number including the revision level (for example, -07), and refer to specific sections and paragraphs whenever possible. All comments become the property of Hitachi Data Systems Corporation.

**Thank you!**

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# Format of MIB descriptions

This chapter describes the format of MIB descriptions.

# Overview of the MIB tree structure

The following diagram shows an overview of the MIB tree structure.

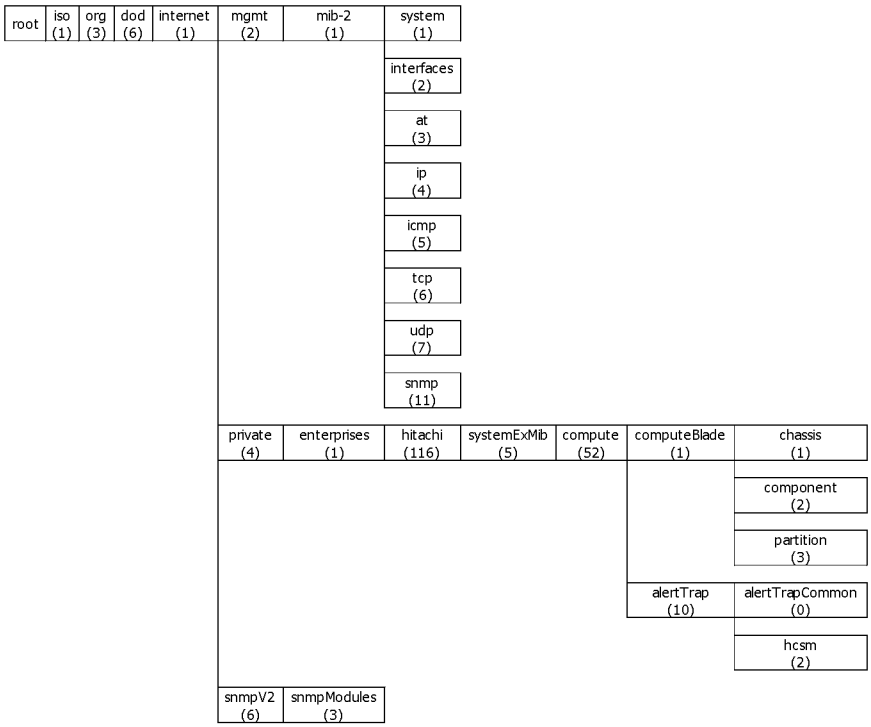


**Figure 1-1 MIB tree structure**

# Format of MIB descriptions in this guide

This section describes the format of MIB descriptions used in this guide. The descriptions use the support items described below.

## Object identifier

The name of an MIB object identifier

## OID

The OID that corresponds to the MIB object identifier

## Syntax

The following table shows the meaning of syntax entries used for private MIBs.

**Table 1-1 Syntax of MIBs**

| No. | syntax | Description |
|---|---|---|
| 1 | Not-Accessible | Cannot be accessed. |

| No. | syntax | Description |
|---|---|---|
| 2 | Display String | Character string of 0-255 characters |
| 3 | INTEGER | Integer value in the range from -2147483648 to 2147483647 |
| 4 | Integer32 | Integer value in the range from -2147483648 to 2147483647 |
| 5 | OBJECT IDENTIFIER | Object identifier |

## Access

The following explains the MIB access attributes.

- RO: Indicates that the MIB access is read-only.
- RW: Indicates that the MIB access is read-write.
- NA: Indicates that the MIB is not accessible.

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# Standard MIBs

This chapter describes items for standard MIBs.

- Items supported by standard MIBs

# Items supported by standard MIBs

Standard MIBs support a total of nine groups (see the following table).

**Table 2-1 Group items and their descriptions**

| No. | Group name | OID | Description |
|---|---|---|---|
| 1 | system | .1.3.6.1.2.1.1[1] | Equipment information |
| 2 | Interfaces | .1.3.6.1.2.1.2 | Interface information |
| 3 | at | .1.3.6.1.2.1.3 | ARP information |
| 4 | ip | .1.3.6.1.2.1.4 | IP information |
| 5 | icmp | .1.3.6.1.2.1.5 | ICMP information |
| 6 | tcp | .1.3.6.1.2.1.6 | TCP information |
| 7 | udp | .1.3.6.1.2.1.7 | UDP information |
| 8 | snmp | .1.3.6.1.2.1.11 | SNMP information |
| 9 | snmpModules | .1.3.6.1.6.3 | SNMPv3 information |

Note:

1. This does not include .1.3.6.1.2.1.1.8 and .1.3.6.1.2.1.1.9.

**Tip:**

- Items that are RW in the SNMP standard are handled as RO in this product.
- The contents of the objects for each group conform to RFC 1213, RFC 1285, and RFC 1398. For details about the contents of objects, see the pertinent web sites or SNMP manager documentation.

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# Private MIBs

This chapter describes items for private MIBs.

# About private MIBs

This section describes items for private MIBs.

## Content of SNMP trap notifications

The following table shows the content of SNMP trap notifications.

**Table 3-1 Content of SNMP trap notifications**

| Item | | Description |
|---|---|---|
| Notification content | First variable binding | Time when the alert was sent |
| | Second variable binding | ID of the chassis where the alert occurred |
| | Third variable binding | Alert level |
| | Fourth variable binding | Alert ID |
| | Fifth variable binding | Alert message |
| | Seventh variable binding | Type of the module where the alert occurred |
| | Eighth variable binding | Location of the module where the alert occurred |
| | Ninth variable binding | Name of the module where the alert occurred |
| | Tenth variable binding | Serial number of the module where the alert occurred |
| | Eleventh variable binding | Event code of the alert |
| | Twelfth variable binding | Expansion event code of the alert |
| | Thirteenth variable binding | Model name of the equipment where the alert occurred |
| | Fourteenth variable binding | Serial number of the equipment where the alert occurred |
| | Fifteenth variable binding | Notification trigger of the alert |

## Content of SNMP trap events

The table below shows the content of SNMP trap events.

**Table 3-2 Content of SNMP trap events**

| No. | SNMP trap event name | OID | Description |
|---|---|---|---|
| 1 | hcsmAlertTrap2MonitoringError | 1.3.6.1.4.1.116.5.52.10.2.2.1.1 | A failure-level event occurred as an environment monitoring alert |

| No. | SNMP trap event name | OID | Description |
|---|---|---|---|
| | | | (ID: 0xFD00-FD2F) (without notification). |
| 2 | hcsmAlertTrap2MonitoringWarning | 1.3.6.1.4.1.116.5.52.10.2.2.1.2 | A warning-level event occurred as an environment monitoring alert (ID: 0xFD00-FD2F) (without notification). |
| 3 | hcsmAlertTrap2MonitoringInformation | 1.3.6.1.4.1.116.5.52.10.2.2.1.3 | An information-level event occurred as an environment monitoring alert (ID: 0xFD00-FD2F) (without notification). |
| 4 | hcsmAlertTrap2EventError | 1.3.6.1.4.1.116.5.52.10.2.2.2.1 | A failure-level event occurred as an event alert (without notification). |
| 5 | hcsmAlertTrap2EventWarning | 1.3.6.1.4.1.116.5.52.10.2.2.2.2 | A warning-level event occurred as an event alert (without notification). |
| 6 | hcsmAlertTrap2EventInformation | 1.3.6.1.4.1.116.5.52.10.2.2.2.3 | An information-level event occurred as an event alert (without notification). |
| 7 | hcsmAlertTrap2StatusChangeError | 1.3.6.1.4.1.116.5.52.10.2.2.3.1 | A failure-level event occurred as a status change alert (without notification). |
| 8 | hcsmAlertTrap2StatusChangeWarning | 1.3.6.1.4.1.116.5.52.10.2.2.3.2 | A warning-level event occurred as a status change alert (without notification). |
| 9 | hcsmAlertTrap2StatusChangeInformation | 1.3.6.1.4.1.116.5.52.10.2.2.3.3 | An information-level event occurred as a status change alert (without notification). |

| No. | SNMP trap event name | OID | Description |
|---|---|---|---|
| 10 | hcsmAlertTrap3MonitoringError | 1.3.6.1.4.1.116.5.52.10.2.3.1.1 | A failure-level event occurred as an environment monitoring alert (ID: 0xFD00-FD2F) (with notification). |
| 11 | hcsmAlertTrap3MonitoringWarning | 1.3.6.1.4.1.116.5.52.10.2.3.1.2 | A warning-level event occurred as an environment monitoring alert (ID: 0xFD00-FD2F) (without notification). |
| 12 | hcsmAlertTrap3MonitoringInformation | 1.3.6.1.4.1.116.5.52.10.2.3.1.3 | An information-level event occurred as an environment monitoring alert (ID: 0xFD00-FD2F) (with notification). |
| 13 | hcsmAlertTrap3EventError | 1.3.6.1.4.1.116.5.52.10.2.3.2.1 | A failure-level event occurred as an event alert (with notification). |
| 14 | hcsmAlertTrap3EventWarning | 1.3.6.1.4.1.116.5.52.10.2.3.2.2 | A warning-level event occurred as an event alert (with notification). |
| 15 | hcsmAlertTrap3EventInformation | 1.3.6.1.4.1.116.5.52.10.2.3.2.3 | An information-level event occurred as an event alert (with notification). |
| 16 | hcsmAlertTrap3StatusChangeError | 1.3.6.1.4.1.116.5.52.10.2.3.3.1 | A failure-level event occurred as a status change alert (with notification). |
| 17 | hcsmAlertTrap3StatusChangeWarning | 1.3.6.1.4.1.116.5.52.10.2.3.3.2 | A warning-level event occurred as a status change alert (with notification). |
| 18 | hcsmAlertTrap3StatusChangeInformation | 1.3.6.1.4.1.116.5.52.10.2.3.3.3 | An information-level event occurred as a status change |

| No. | SNMP trap event name | OID | Description |
|---|---|---|---|
| | | | alert (with notification). |

**Tip:** If you have the Hitachi maintenance notification (ASSIST) agreement, when an OID trap with notification is issued, the Hitachi maintenance site (ASSIST center) is also notified simultaneously.

## Supported groups

The following table shows the groups supported by private MIBs.

**Table 3-3 Group name**

| Group name | Refer to: |
|---|---|
| System | Table 3-4 System information on page 3-6 |
| Server chassis | Table 3-5 Basic information about the server chassis on page 3-6 |
| | Table 3-6 Server chassis capacity information on page 3-8 |
| | Table 3-7 Status information for the server chassis on page 3-9 |
| | Table 3-8 Server chassis firmware information on page 3-18 |
| Component | Table 3-9 Information about components on page 3-18 |
| | Table 3-10 Server blade information (*: A server blade number from 1 to 15) on page 3-18 |
| | Table 3-11 Management module information (*: A management module number from 1 to 2) on page 3-43 |
| | Table 3-12 Switch module information (*: A switch module number from 1 to 2) on page 3-49 |
| | Table 3-13 Fan module information (*: A fan module number from 1 to 10) on page 3-55 |
| | Table 3-14 Power supply module information (*: A power supply module number from 1 to 6) on page 3-59 |
| | Table 3-15 Management LAN module information (*: Management LAN module number from 1 to 2) on page 3-63 |
| | Table 3-16 Fan control module information (*: Fan control module number from 1 to 2) on page 3-66 |
| Partition | Table 3-17 Partition information (*: A partition number from 1 to 15) on page 3-69 |

## Description of each group

**Table 3-4 System information**

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 1 | systemExMib | 1.3.6.1.4.1.116.5 | NA | Not-Accessible | -- | System internal information |
| 2 | compute | 1.3.6.1.4.1.116.5.52 | NA | Not-Accessible | -- | Information about Compute Blade CB2500 |
| 3 | computeBlade | 1.3.6.1.4.1.116.5.52.1 | NA | Not-Accessible | -- | Information about Compute Blade CB2500 server blades |

**Table 3-5 Basic information about the server chassis**

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 1 | chassis | 1.3.6.1.4.1.116.5.52.1.1 | NA | Not-Accessible | -- | Information about the server chassis |
| 2 | chassisBasic Info | 1.3.6.1.4.1.116.5.52.1.1.1 | NA | Not-Accessible | -- | Server chassis basic information |
| 3 | chassisInfo Type | 1.3.6.1.4.1.116.5.52.1.1.1.1 | RO | INTEGER | Rackmount(1)/ Blade(2)/ Tower(3) | Server chassis type |
| 4 | chassisInfo ProductName | 1.3.6.1.4.1.116.5.52.1.1.1.2 | RO | Display String | -- | Name |
| 5 | chassisInfo Model | 1.3.6.1.4.1.116.5.52.1.1.1.3 | RO | Display String | -- | Model name |
| 6 | chassisInfo SerialNum | 1.3.6.1.4.1.116.5.52.1.1.1.4 | RO | Display String | -- | Serial number |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 7 | chassisInfo ChassisID | 1.3.6.1.4.1.116.5.52.1.1.1.5 | RO | Display String | -- | Server chassis ID |
| 8 | chassisInfo Spec | 1.3.6.1.4.1.116.5.52.1.1.1.20 | NA | Not-Accessible | -- | Specifications |
| 9 | chassisSpec InputCurrent Type | 1.3.6.1.4.1.116.5.52.1.1.1.20.1 | RO | INTEGER | ac(1)/ dc(2)/ unknown(3) | Specifications: Type of input electric current |
| 10 | chassisSpec RateVoltage | 1.3.6.1.4.1.116.5.52.1.1.1.20.2 | RO | Integer32 | 0.1 V | Specifications: Rated voltage |
| 11 | chassisSpec Temp UpperLimit | 1.3.6.1.4.1.116.5.52.1.1.1.20.3 | RO | Integer32 | 0.1 degrees C | Specifications: Upper-limit of the temperature |
| 12 | chassisSpec Temp LowerLimit | 1.3.6.1.4.1.116.5.52.1.1.1.20.4 | RO | Integer32 | 0.1 degrees C | Specifications: Lower-limit of the temperature |
| 13 | chassisSpec Consumption Current | 1.3.6.1.4.1.116.5.52.1.1.1.20.5 | RO | Integer32 | 0.1 A | Specifications: Electric current consumption (in the current configuration) |
| 14 | chassisSpec Power Consumption | 1.3.6.1.4.1.116.5.52.1.1.1.20.6 | RO | Integer32 | 0.1 kW | Specifications: Electric power consumption (in the current configuration) |
| 15 | chassisSpec Consumption Current MaxConfig | 1.3.6.1.4.1.116.5.52.1.1.1.20.7 | RO | Integer32 | 0.1 A | Specifications: Electric current consumption (in the maximum configuration) |
| 16 | chassisSpec Power Consumption MaxConfig | 1.3.6.1.4.1.116.5.52.1.1.1.20.8 | RO | Integer32 | 0.1 kW | Specifications: Electric power consumption (in the maximum configuration) |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 17 | chassisSpec MaxAir Volume | 1.3.6.1.4.1.116.5.52.1.1.1.20.9 | RO | Integer32 | 0.1$m^3$/min | Specifications: Maximum airflow |
| 18 | chassisSpec Height | 1.3.6.1.4.1.116.5.52.1.1.1.20.10 | RO | Integer32 | U | Specifications: Height (number of units) |
| 19 | chassisSpec TotalMass | 1.3.6.1.4.1.116.5.52.1.1.1.20.11 | RO | Integer32 | 0.1 kg | Specifications: Weight |
| 20 | chassisSpec Size | 1.3.6.1.4.1.116.5.52.1.1.1.20.12 | RO | Display String | -- | Specifications: Size (H x W x D) |

**Table 3-6 Server chassis capacity information**

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 1 | chassis Capacity | 1.3.6.1.4.1.116.5.52.1.1.2 | NA | Not-Accessible | -- | Server chassis capacity |
| 2 | chassis Capacity BladeSlot | 1.3.6.1.4.1.116.5.52.1.1.2.1 | RO | Integer32 | -- | Maximum number of server blade slots |
| 3 | chassis Capacity MMSlot | 1.3.6.1.4.1.116.5.52.1.1.2.2 | RO | Integer32 | -- | Maximum number of management module slots |
| 4 | chassis Capacity SWSlot | 1.3.6.1.4.1.116.5.52.1.1.2.3 | RO | Integer32 | -- | Maximum number of switch module slots |
| 5 | chassis Capacity FanSlot | 1.3.6.1.4.1.116.5.52.1.1.2.4 | RO | Integer32 | -- | Maximum number of fan module slots |
| 6 | chassis Capacity PowerSupply Slot | 1.3.6.1.4.1.116.5.52.1.1.2.5 | RO | Integer32 | -- | Maximum number of power supply module slots |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 7 | chassis Capacity FrontPanel LED | 1.3.6.1.4.1.116.5.52.1.1.2.7 | RO | Integer32 | -- | Number of front panel LEDs |
| 8 | chassisCapacityManagementLANSlot | 1.3.6.1.4.1.116.5.52.1.1.2.8 | RO | Integer32 | -- | Maximum number of management LAN module slots |
| 9 | chassisCapacityFanControlSlot | 1.3.6.1.4.1.116.5.52.1.1.2.9 | RO | Integer32 | -- | Maximum number of fan control module slots |

**Table 3-7 Status information for the server chassis**

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 1 | chassisState | 1.3.6.1.4.1.116.5.52.1.1.4 | NA | Not-Accessible | -- | Status of the server chassis |
| 2 | chassisState Power | 1.3.6.1.4.1.116.5.52.1.1.4.1 | RO | INTEGER | Poweroff(1)/ standby(2)/ PowerOn(3) / unknown(4) / Power-on-executing(5)/ Power-off-executing(6) | Power supply status |
| 3 | chassisState Current Voltage | 1.3.6.1.4.1.116.5.52.1.1.4.2 | RO | Integer32 | 0.1 V | Input voltage |
| 4 | chassisState Consumption Current | 1.3.6.1.4.1.116.5.52.1.1.4.3 | RO | Integer32 | 0.1 A | Electric current consumption |
| 5 | chassisState Power Consumption | 1.3.6.1.4.1.116.5.52.1.1.4.4 | RO | Integer32 | 0.1 kW | Electric power consumption |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 6 | chassisState IntakeTemp | 1.3.6.1.4.1.116.5.52.1.1.4.5 | RO | INTEGER | normal(1)/ higher-warning(2)/ higher-error(3)/ lower-warning(4)/ unknown(5) | Intake temperature |
| 7 | chassisState FanAir Volume | 1.3.6.1.4.1.116.5.52.1.1.4.6 | RO | Integer32 | 0.1$m^3$/min | Airflow |
| 8 | chassis Redundancy | 1.3.6.1.4.1.116.5.52.1.1.4.7 | NA | Not-Accessible | -- | Redundancy |
| 9 | chassis Redundancy MM | 1.3.6.1.4.1.116.5.52.1.1.4.7.1 | RO | INTEGER | redundancy(1)/ non-redundancy(2)/ unknown(3) | Redundancy: Management modules |
| 10 | chassis Redundancy Fan | 1.3.6.1.4.1.116.5.52.1.1.4.7.2 | RO | INTEGER | redundancy(1)/ non-redundancy(2)/ unknown(3) | Redundancy: Fan modules |
| 11 | chassis Redundancy PowerSupply | 1.3.6.1.4.1.116.5.52.1.1.4.7.3 | RO | INTEGER | redundancy(1)/ non-redundancy(2)/ unknown(3) | Redundancy: Power supply modules |
| 12 | chassis FrontPanel LEDTable | 1.3.6.1.4.1.116.5.52.1.1.4.8 | NA | Not-Accessible | -- | Front panel LED table |
| 13 | chassis FrontPanel LEDEntry | 1.3.6.1.4.1.116.5.52.1.1.4.8.1 | NA | Not-Accessible | -- | Front panel LED table: Entry |
| 14 | chassis FrontPanel LEDIndex | 1.3.6.1.4.1.116.5.52.1.1.4.8.1.1 | RO | Integer32 | -- | Front panel LED table: Entry: Index |
| 15 | chassis FrontPanel LEDName | 1.3.6.1.4.1.116.5.52.1.1.4.8.1.2 | RO | Display String | -- | Front panel LED table: Entry: Name |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 16 | chassis FrontPanel LEDState | 1.3.6.1.4.1.116.5.52.1.1.4.8.1.3 | RO | INTEGER | turn-off(1)/ turn-on(2)/ unknown(3)/ blink(4)/ blink-fast(5)/ blink-slow(6) | Front panel LED table: Entry: Status |
| 17 | chassis FrontPanel LEDColor | 1.3.6.1.4.1.116.5.52.1.1.4.8.1.4 | RO | INTEGER | blue(1)/ green(2)/ red(3)/ amber(4)/ unknown(5) | Front panel LED table: Entry: Color |
| 18 | chassis StatePower Consumption Detail | 1.3.6.1.4.1.116.5.52.1.1.4.9 | RO | Integer 32 | W | Electric power consumption (details) |
| 19 | chassis StatePower Consumption Average | 1.3.6.1.4.1.116.5.52.1.1.4.10 | RO | Integer 32 | W | Electric power consumption (average) |
| 20 | chassis StateIntake TempValue | 1.3.6.1.4.1.116.5.52.1.1.4.11 | RO | Integer 32 | 0.1 degrees C | Intake temperature |
| 21 | chassisState Other | 1.3.6.1.4.1.116.5.52.1.1.4.20 | NA | Not-Accessible | -- | Other |
| 22 | chassis MaintMode | 1.3.6.1.4.1.116.5.52.1.1.4.20.1 | RO | INTEGER | Normal(1)/ CE-Maint-mode(2)/ User-Maint-mode(3)/ unknown(4) | Other: Maintenance mode |
| 23 | chassis MaintMode FrontPanel[1] | 1.3.6.1.4.1.116.5.52.1.1.4.20.2 | RO | INTEGER | Normal(1)/ CE-Maint-mode(2)/ User-Maint-mode(3)/ unknown(4) | Other: Maintenance mode (front panel) |
| 24 | chassis LatestHW LogInfo | 1.3.6.1.4.1.116.5.52.1.1.4.30 | RO | Display String | -- | Latest hardware log information |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 25 | chassis HWLog Table | 1.3.6.1.4.1.116.5.52.1.1.4.31 | NA | Not-Accessible | -- | Hardware log table (MAR log) |
| 26 | chassis HWLog Entry | 1.3.6.1.4.1.116.5.52.1.1.4.31.1 | NA | Not-Accessible | -- | Hardware log table: Entry |
| 27 | chassis HWLog Index | 1.3.6.1.4.1.116.5.52.1.1.4.31.1.1 | RO | Integer 32 | -- | Hardware log table: Entry: Index |
| 28 | chassis HWLog Exist | 1.3.6.1.4.1.116.5.52.1.1.4.31.1.2 | RO | INTEGER | non-exist(1)/ exist(2)/ unknown(3) | Hardware log table: Entry: Registration status |
| 29 | chassis HWLog GenerateID | 1.3.6.1.4.1.116.5.52.1.1.4.31.1.3 | RO | Display String | -- | Hardware log table: Entry: Location |
| 30 | chassis HWLog RecordID | 1.3.6.1.4.1.116.5.52.1.1.4.31.1.4 | RO | Display String | -- | Hardware log table: Entry: Log ID |
| 31 | chassis HWLog Date | 1.3.6.1.4.1.116.5.52.1.1.4.31.1.5 | RO | Display String | -- | Hardware log table: Entry: Date and time |
| 32 | chassis HWLog Code | 1.3.6.1.4.1.116.5.52.1.1.4.31.1.6 | RO | Display String | -- | Hardware log table: Entry: Event code |
| 33 | chassis HWLog Detail | 1.3.6.1.4.1.116.5.52.1.1.4.31.1.7 | RO | Display String | -- | Hardware log table: Entry: Event |
| 34 | chassis Install | 1.3.6.1.4.1.116.5.52.1.1.4.40 | NA | Not-Accessible | -- | Component installation |
| 35 | chassisIns FrontPanel Exist | 1.3.6.1.4.1.116.5.52.1.1.4.40.1 | RO | INTEGER | non-exist(1)/ exist(2)/ unknown(3) | Component installation: Front panel |
| 36 | chassisIns BladeSlot Table | 1.3.6.1.4.1.116.5.52.1.1.4.40.2 | NA | Not-Accessible | -- | Component installation: Server blade slot table |
| 37 | chassisIns BladeSlot Entry | 1.3.6.1.4.1.116.5.52.1.1.4.40.2.1 | NA | Not-Accessible | -- | Component installation: Server blade slot table: Entry |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 38 | chassisIns BladeSlot Index | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.2.1.1 | RO | Integer 32 | -- | Component installation: Server blade slot table: Entry: Index |
| 39 | chassisIns BladeSlot Num | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.2.1.2 | RO | Integer 32 | -- | Component installation: Server blade slot table: Entry: Slot number |
| 40 | chassisIns BladeSlot Exist | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.2.1.3 | RO | INTEGE R | non-exist(1)/ exist(2)/ unknown(3) | Component installation: Server blade slot table: Entry: Installation status |
| 41 | chassisIns BladeSlot ObjectID | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.2.1.4 | RO | OBJECT IDENTIF IER | -- | Component installation: Server blade slot table: Entry: Server blade OID |
| 42 | chassisIns MMSlot Table | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.3 | NA | Not-Accessib le | -- | Component installation: Management module slot table |
| 43 | chassisIns MMSlotEntry | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.3.1 | NA | Not-Accessib le | -- | Component installation: Management module slot table: Entry |
| 44 | chassisIns MMSlotIndex | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.3.1.1 | RO | Integer 32 | -- | Component installation: Management module slot table: Entry: Index |
| 45 | chassisIns MMSlotNum | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.3.1.2 | RO | Integer 32 | -- | Component installation: Management module slot table: Entry: Slot number |
| 46 | chassisIns MMSlotExist | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.3.1.3 | RO | INTEGE R | non-exist(1)/ exist(2)/ | Component installation: Management module slot |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| | | | | | unknown(3) | table: Entry: Installation status |
| 47 | chassisIns MMSlot ObjectID | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.3.1.4 | RO | OBJECT IDENTIF IER | -- | Component installation: Management module slot table: Entry: MM OID |
| 48 | chassisIns SWSlotTable | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.4 | NA | Not-Accessib le | -- | Component installation: Switch module slot table |
| 49 | chassisIns SWSlotEntry | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.4.1 | NA | Not-Accessib le | -- | Component installation: Switch module slot table: Entry |
| 50 | chassisIns SWSlotIndex | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.4.1.1 | RO | Integer 32 | -- | Component installation: Switch module slot table: Entry: Index |
| 51 | chassisIns SWSlotNum | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.4.1.2 | RO | Integer 32 | -- | Component installation: Switch module slot table: Entry: Slot number |
| 52 | chassisIns SWSlotExist | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.4.1.3 | RO | INTEGE R | non-exist(1)/ exist(2)/ unknown(3) | Component installation: Switch module slot table: Entry: Installation status |
| 53 | chassisIns SWSlot ObjectID | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.4.1.4 | RO | OBJECT IDENTIF IER | -- | Component installation: Switch module slot table: Entry: Switch module OID |
| 54 | chassisIns FanSlot Table | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.5 | NA | Not-Accessib le | -- | Component installation: Fan module slot table |
| 55 | chassisIns FanSlot Entry | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.5.1 | NA | Not-Accessib le | -- | Component installation: |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| | | | | | | Fan module slot table: Entry |
| 56 | chassisIns FanSlot Index | 1.3.6.1.4.1.116.5.52.1.1.4.40.5.1.1 | RO | Integer 32 | -- | Component installation: Fan module slot table: Entry: Index |
| 57 | chassisIns FanSlotNum | 1.3.6.1.4.1.116.5.52.1.1.4.40.5.1.2 | RO | Integer 32 | -- | Component installation: Fan module slot table: Entry: Slot number |
| 58 | chassisIns FanSlot Exist | 1.3.6.1.4.1.116.5.52.1.1.4.40.5.1.3 | RO | INTEGER | non-exist(1)/ exist(2)/ unknown(3) | Component installation: Fan module slot table: Entry: Installation status |
| 59 | chassisIns FanSlot ObjectID | 1.3.6.1.4.1.116.5.52.1.1.4.40.5.1.4 | RO | OBJECT IDENTIFIER | -- | Component installation: Fan module slot table: Entry: Fan module OID |
| 60 | chassisIns PowerSupply SlotTable | 1.3.6.1.4.1.116.5.52.1.1.4.40.6 | NA | Not-Accessible | -- | Component installation: Power supply module slot table |
| 61 | chassisIns PowerSupply SlotEntry | 1.3.6.1.4.1.116.5.52.1.1.4.40.6.1 | NA | Not-Accessible | -- | Component installation: Power supply module slot table: Entry |
| 62 | chassisIns PowerSupply SlotIndex | 1.3.6.1.4.1.116.5.52.1.1.4.40.6.1.1 | RO | Integer 32 | -- | Component installation: Power supply module slot table: Entry: Index |
| 63 | chassisIns PowerSupply SlotNum | 1.3.6.1.4.1.116.5.52.1.1.4.40.6.1.2 | RO | Integer 32 | -- | Component installation: Power supply module slot table: Entry: Slot number |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 64 | chassisIns PowerSupply SlotExist | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.6.1.3 | RO | INTEGE R | non-exist(1)/ exist(2)/ unknown(3) | Component installation: Power supply module slot table: Entry: Installation status |
| 65 | chassisIns PowerSupply SlotObjectID | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.6.1.4 | RO | OBJECT IDENTIF IER | -- | Component installation: Power supply module slot table: Entry: Power supply module OID |
| 66 | chassisInsMana gementLANSlot Table | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.7 | NA | Not-Accessib le | -- | Component installation: Management LAN module slot table |
| 67 | chassisInsMana gementLANSlot Entry | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.7.1 | NA | Not-Accessib le | -- | Component installation: Management LAN module slot table: Entry |
| 68 | chassisInsMana gementLANSlot Index | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.7.1.1 | RO | Integer 32 | -- | Component installation: Management LAN module slot table: Entry: Index |
| 69 | chassisInsMana gementLANSlot Num | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.7.1.2 | RO | Integer 32 | -- | Component installation: Management LAN module slot table: Entry: Slot number |
| 70 | chassisInsMana gementLANSlot Exist | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.7.1.3 | RO | INTEGE R | non-exist(1)/ exist(2)/ unknown(3) | Component installation: Management LAN module slot table: Entry: Installation status |
| 71 | chassisInsMana gementLANSlot ObjectID | 1.3.6.1.4.1.1 16.5.52.1.1.4 .40.7.1.4 | RO | OBJECT IDENTIF IER | -- | Component installation: Management LAN module |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| | | | | | | slot table: Entry: Power supply module OID |
| 72 | chassisInsFanControlSlotTable | 1.3.6.1.4.1.116.5.52.1.1.4.40.8 | NA | Not-Accessible | -- | Component installation: Fan control module slot table |
| 73 | chassisInsFanControlSlotEntry | 1.3.6.1.4.1.116.5.52.1.1.4.40.8.1 | NA | Not-Accessible | -- | Component installation: Fan control module slot table: Entry |
| 74 | chassisInsFanControlSlotIndex | 1.3.6.1.4.1.116.5.52.1.1.4.40.8.1.1 | RO | Integer 32 | -- | Component installation: Fan control module slot table: Entry: Index |
| 75 | chassisInsFanControlSlotNum | 1.3.6.1.4.1.116.5.52.1.1.4.40.8.1.2 | RO | Integer 32 | -- | Component installation: Fan control module slot table: Entry: Slot number |
| 76 | chassisInsFanControlSlotExist | 1.3.6.1.4.1.116.5.52.1.1.4.40.8.1.3 | RO | INTEGER | non-exist(1)/ exist(2)/ unknown(3) | Component installation: Fan control module slot table: Entry: Installation status |
| 77 | chassisInsFanControlSlotObjectID | 1.3.6.1.4.1.116.5.52.1.1.4.40.8.1.4 | RO | OBJECT IDENTIFIER | -- | Component installation: Fan control module slot table: Entry: Fan control module OID |

Note:

1. This item is defined as a MIB file, but this item cannot be obtained in this system. (If you use snmpwalk to obtain the items, the processing automatically skips to the next item.)

**Table 3-8 Server chassis firmware information**

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 1 | chassis FWInfo | 1.3.6.1.4.1.116.5.52.1.1.5 | NA | Not-Accessible | -- | Server chassis firmware information |
| 2 | chassis FWInfo Dictionary Version | 1.3.6.1.4.1.116.5.52.1.1.5.1 | RO | Display String | -- | Dictionary version |
| 3 | chassis FWInfo Equipment Parameter Version[1] | 1.3.6.1.4.1.116.5.52.1.1.5.2 | RO | Display String | -- | Equipment parameter version |

Note:

1. This item is defined as a MIB file, but this item cannot be obtained in this system. (If you use snmpwalk to obtain the items, the processing automatically skips to the next item.)

**Table 3-9 Information about components**

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 1 | component | 1.3.6.1.4.1.116.5.52.1.2 | NA | Not-Accessible | -- | Information about components |

**Table 3-10 Server blade information (*: A server blade number from 1 to 15)**

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 1 | blade | 1.3.6.1.4.1.116.5.52.1.2.1 | NA | Not-Accessible | -- | Server blade information |
| 2 | blade * | 1.3.6.1.4.1.116.5.52.1.2.1.* | NA | Not-Accessible | -- | Server blade information |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 3 | blade * BasicInfo | 1.3.6.1.4.1.116.5.52.1.2.1.*.1 | NA | Not-Accessible | -- | Basic information |
| 4 | blade * InfoProduct Name | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.1 | RO | Display String | -- | Basic information: Server blade name |
| 5 | blade * InfoModel | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.2 | RO | Display String | -- | Basic information: Server blade's model name |
| 6 | blade * Info SerialNum | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.3 | RO | Display String | -- | Basic information: Server blade's serial number |
| 7 | blade * InfoProduct Version | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.4 | RO | Display String | -- | Basic information: Server blade's product version |
| 8 | blade * InfoProduct Manufacturer | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.5 | RO | Display String | -- | Basic information: Server blade's manufacturer information |
| 9 | blade * InfoBoard Product Name | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.7 | RO | Display String | -- | Basic information: Board name (e.g. BoardProductName) |
| 10 | blade * InfoBoard SerialNum | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.8 | RO | Display String | -- | Basic information: Board's serial number (e.g. BoardSerialNo) |
| 11 | blade * InfoBoard Manufacturer | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.9 | RO | Display String | -- | Basic information: Board's manufacturer information (e.g. BoardManufacturer) |
| 12 | blade * InfoUUID | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.10 | RO | Display String | -- | Basic information: UUID |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 13 | blade * InfoLogical Partition Support | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.11 | RO | INTEGER | not-support(1)/ support(2)/ unknown(3) | Basic information: LPAR Manager support status (support(2) is set for the slots in which a server blade is installed.) |
| 14 | blade * InfoRemote KVMSupport | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.12 | RO | INTEGER | not-support(1)/ support(2)/ unknown(3) | Basic information: Remote console support status |
| 15 | blade * InfoSpec | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.20 | NA | Not-Accessible | -- | Basic information: Server blade specifications |
| 16 | blade * SpecInput CurrentType | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.20.1 | RO | INTEGER | ac(1)/ dc(2)/ unknown(3) | Basic information: Specifications: Type of input electric current |
| 17 | blade * SpecRate Voltage | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.20.2 | RO | Integer32 | 0.1 V | Basic information: Specifications: Rated voltage |
| 18 | blade * Spec Consumption Current | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.20.3 | RO | Integer32 | 0.1 A | Basic information: Specifications: Electric current consumption |
| 19 | blade * SpecPower Consumption | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.20.4 | RO | Integer32 | W | Basic information: Specifications: Electric power consumption |
| 20 | blade * SpecMass | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.20.5 | RO | Integer32 | 0.1 kg | Basic information: Specifications: Weight |
| 21 | blade * Info UpperLimit IntakeTemp | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.20.6 | RO | Integer32 | 0.1 degrees C | Basic information: Specifications: Upper limit of |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| | | | | | | the intake thermal sensor |
| 22 | blade * Info LowerLimit IntakeTemp | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.20.7 | RO | Integer32 | 0.1 degrees C | Basic information: Specifications: Lower limit of the intake thermal sensor |
| 23 | blade * SpecSize | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.20.8 | RO | Display String | -- | Basic information: Size (H x W x D) |
| 24 | blade * SpecOccupy Slots | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.20.9 | RO | Integer32 | -- | Basic information: Number of dedicated slots |
| 25 | blade * Spec Expansion BladeSlot | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.20.10 | RO | Integer32 | -- | Basic information: Number of expansion blade slots |
| 26 | blade * Info Expansion BladeTable | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.30 | NA | Not-Accessible | -- | Basic information: Expansion blade table |
| 27 | blade * Info Expansion BladeEntry | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.30.1 | NA | Not-Accessible | -- | Basic information: Expansion blade table: Entry |
| 28 | blade * Info Expansion BladeIndex | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.30.1.1 | RO | Integer32 | -- | Basic information: Expansion blade table: Entry: Index |
| 29 | blade * Info Expansion BladeExist | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.30.1.2 | RO | INTEGER | non-exist(1)/ exist(2)/ unknown(3) | Basic information: Expansion blade table: Entry: Installation status |
| 30 | blade * Info Expansion Blade ProductName | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.30.1.3 | RO | Display String | -- | Basic information: Expansion blade table: Entry: Blade name |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 31 | blade * Info Expansion BladeModel | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.30.1.4 | RO | Display String | -- | Basic information: Expansion blade table: Entry: Blade's model name |
| 32 | blade * Info Expansion Blade SerialNum | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.30.1.5 | RO | Display String | -- | Basic information: Expansion blade table: Entry: Blade's serial number |
| 33 | blade * Info Expansion Blade Product Version | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.30.1.6 | RO | Display String | -- | Basic information: Expansion blade table: Entry: Blade's product version |
| 34 | blade * Info Expansion Blade Product Manufacturer | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.30.1.7 | RO | Display String | -- | Basic information: Expansion blade table: Entry: Blade's manufacturer information |
| 35 | blade * Info Expansion BladeBoard ProductName | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.30.1.9 | RO | Display String | -- | Basic information: Expansion blade table: Entry: Board name (e.g. BoardProductName) |
| 36 | blade * Info Expansion BladeBoard SerialNum | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.30.1.10 | RO | Display String | -- | Basic information: Expansion blade table: Entry: Board's serial number (e.g. BoardSerialNo) |
| 37 | blade * Info Expansion BladeBoard Manufacturer | 1.3.6.1.4.1.116.5.52.1.2.1.*.1.30.1.11 | RO | Display String | -- | Basic information: Expansion blade table: Entry: Board's manufacturer information (e.g. |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| | | | | | | BoardManufacturer) |
| 38 | blade * Capacity | 1.3.6.1.4.1.116.5.52.1.2.1.*.2 | NA | Not-Accessible | -- | Capacity |
| 39 | blade * Capacity CPUSocket | 1.3.6.1.4.1.116.5.52.1.2.1.*.2.1 | RO | Integer32 | -- | Capacity: Number of CPU sockets |
| 40 | blade * Capacity DIMMSlot | 1.3.6.1.4.1.116.5.52.1.2.1.*.2.2 | RO | Integer32 | -- | Capacity: Number of DIMM slots |
| 41 | blade * Capacity PCISlot | 1.3.6.1.4.1.116.5.52.1.2.1.*.2.3 | RO | Integer32 | -- | Capacity: Number of PCI slots (including mezzanine cards and daughter cards) |
| 42 | blade * Capacity LOM[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.2.4 | RO | Integer32 | -- | Capacity: Number of onboard LAN ports |
| 43 | blade * Capacity Fan | 1.3.6.1.4.1.116.5.52.1.2.1.*.2.5 | RO | Integer32 | -- | Capacity: Number of onboard fans |
| 44 | blade * Capacity HDDSlot | 1.3.6.1.4.1.116.5.52.1.2.1.*.2.6 | RO | Integer32 | -- | Capacity: Maximum number of HDD module slots |
| 45 | blade * Capacity Voltage Sensor | 1.3.6.1.4.1.116.5.52.1.2.1.*.2.7 | RO | Integer32 | -- | Capacity: Number of voltage sensors |
| 46 | blade * Capacity TempSensor | 1.3.6.1.4.1.116.5.52.1.2.1.*.2.8 | RO | Integer32 | -- | Capacity: Number of thermal sensors |
| 47 | blade * Capacity Expansion HDDSlot | 1.3.6.1.4.1.116.5.52.1.2.1.*.2.9 | RO | Integer32 | -- | Capacity: Maximum number of expansion HDD module slots |
| 48 | blade * Capacity LED | 1.3.6.1.4.1.116.5.52.1.2.1.*.2.10 | RO | Integer32 | -- | Capacity: Maximum number of LEDs |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 49 | blade*CapacityIOBoard | 1.3.6.1.4.1.116.5.52.1.2.1.*.2.11 | RO | Integer32 | -- | Capacity: Number of I/O Board slots |
| 50 | blade * Settings | 1.3.6.1.4.1.116.5.52.1.2.1.*.3 | NA | Not-Accessible | -- | Settings |
| 51 | blade * Settings Belong PartitionNum | 1.3.6.1.4.1.116.5.52.1.2.1.*.3.1 | RO | Integer32 | -- | Settings: Number of the partition to which the blade belongs |
| 52 | blade * Settings Detail HVMLicence Model | 1.3.6.1.4.1.116.5.52.1.2.1.*.3.2 | RO | Display String | -- | Settings: Details of the LPAR Manager license (model) |
| 53 | blade * Settings Detail HVMLicence Available Version | 1.3.6.1.4.1.116.5.52.1.2.1.*.3.3 | RO | Display String | -- | Settings: Details of the LPAR Manager license (valid version) |
| 54 | blade * Settings Management Port IPAddress | 1.3.6.1.4.1.116.5.52.1.2.1.*.3.4 | RO | Display String | -- | Settings: Management port's IP address |
| 55 | blade * State | 1.3.6.1.4.1.116.5.52.1.2.1.*.4 | NA | Not-Accessible | -- | Status |
| 56 | blade * State SlotNum | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.1 | RO | Integer32 | -- | Status: Installation destination slot number |
| 57 | blade * StatePower | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.2 | RO | INTEGER | poweroff(1)/ standby(2)/ poweron(3)/ unknown(4)/ poweron-executing(5)/ | Status: Power supply status |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| | | | | | poweroff - executing(6) | |
| 58 | blade * StateHealth | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.3 | RO | INTEGER | normal(1)/ fail(2)/ unknown(3) | Status: Operation status |
| 59 | blade * StatePrimaly | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.4 | RO | INTEGER | primary(1)/ non-primary(2)/ unknown(3) | Status: Primary or non-primary |
| 60 | blade * StateCurrent Voltage | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.5 | RO | Integer32 | 0.1 V | Status: Input voltage |
| 61 | blade * State Consumption Current | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.6 | RO | Integer32 | 0.1 A | Status: Electric current consumption |
| 62 | blade * StatePower Consumption | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.7 | RO | Integer32 | W | Status: Electric power consumption |
| 63 | blade * StateIntake Temp | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.8 | RO | INTEGER | normal(1)/ higher-warning(2)/ higher-error(3)/ lower-warning(4)/ unknown(5) | Status: Intake temperature |
| 64 | blade * StateLED Table | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.9 | NA | Not-Accessible | -- | Status: LED table |
| 65 | blade * StateLED Entry | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.9.1 | NA | Not-Accessible | -- | Status: LED table: Entry |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 66 | blade * StateLED Index | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.9.1.1 | RO | Integer32 | -- | Status: LED table: Entry: Index |
| 67 | blade * StateLED Name | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.9.1.2 | RO | Display String | -- | Status: LED table: Entry: Name |
| 68 | blade * StateLED State | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.9.1.3 | RO | INTEGER | turn-off(1)/ turn-on(2)/ unknown(3)/ blink(4)/ blink-fast(5)/ blink-slow(6) | Status: LED table: Entry: Status |
| 69 | blade * StateLED Color | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.9.1.4 | RO | INTEGER | blue(1)/ green(2)/ red(3)/ amber(4)/ unknown(5) | Status: LED table: Entry: Color |
| 70 | blade * StateOther | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.20 | NA | Not-Accessible | -- | Status: Other |
| 71 | blade * MaintMode | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.20.1 | RO | INTEGER | Normal(1)/ CE-Maint-mode(2)/ User-Maint-mode(3)/ unknown(4) | Status: Other: Maintenance mode |
| 72 | blade * Install | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30 | NA | Not-Accessible | -- | Status: Installed module |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 73 | blade * InsCPU SocketTable | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.1 | NA | Not-Accessible | -- | Status: Installed module: CPU socket table |
| 74 | blade * InsCPU SocketEntry | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.1.1 | NA | Not-Accessible | -- | Status: Installed module: CPU socket table: Entry |
| 75 | blade * InsCPU SocketIndex | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.1.1.1 | RO | Integer32 | -- | Status: Installed module: CPU socket table: Entry: Index |
| 76 | blade * InsCPU SocketNum | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.1.1.2 | RO | Integer32 | -- | Status: Installed module: CPU socket table: Entry: Socket number |
| 77 | blade * InsCPU SocketExist | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.1.1.3 | RO | INTEGER | non-exist(1)/ exist(2)/ unknown(3) | Status: Installed module: CPU socket table: Entry: Installation status |
| 78 | blade * InsCPU SocketCPU Name | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.1.1.4 | RO | Display String | -- | Status: Installed module: CPU socket table: Entry: Installed-CPU's name |
| 79 | blade * InsCPU SocketCPU Frequency | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.1.1.5 | RO | Integer32 | MHz | Status: Installed module: CPU socket table: Entry: Installed-CPU's frequency |
| 80 | blade * InsCPU SocketCPU Stepping | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.1.1.6 | RO | Integer32 | -- | Status: Installed module: CPU socket table: Entry: Installed-CPU's stepping |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 81 | blade * InsCPU SocketCPU CoreNum | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.1.1.7 | RO | Integer32 | -- | Status: Installed module: CPU socket table: Entry: Number of installed CPU cores |
| 82 | blade * InsCPU SocketCPU UpperLimit Temp | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.1.1.8 | RO | Integer32 | 0.1 degrees C | Status: Installed module: CPU socket table: Entry: Upper limit of the installed CPU's thermal sensor |
| 83 | blade * InsCPU SocketCPU LowerLimit Temp | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.1.1.9 | RO | Integer32 | 0.1 degrees C | Status: Installed module: CPU socket table: Entry: Lower limit of the installed CPU's thermal sensor |
| 84 | blade * InsDIMM Capacity | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.2 | RO | Integer32 | GB | Status: Total capacity of installed DIMMs |
| 85 | blade * InsDIMM SlotTable | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.3 | NA | Not-Accessible | -- | Status: Installed module: DIMM slot table |
| 86 | blade * InsDIMM SlotEntry | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.3.1 | NA | Not-Accessible | -- | Status: Installed module: DIMM slot table: Entry |
| 87 | blade * InsDIMM SlotIndex | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.3.1.1 | RO | Integer32 | -- | Status: Installed module: DIMM slot table: Entry: Index |
| 88 | blade * InsDIMM SlotExist | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.3.1.2 | RO | INTEGER | non-exist(1)/ exist(2)/ unknown(3) | Status: Installed module: DIMM slot table: Entry: Installation status |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 89 | blade * InsDIMM SlotDIMM Capacity | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.3.1.3 | RO | Integer32 | GB | Status: Installed module: DIMM slot table: Entry: DIMM capacity |
| 90 | blade * InsDIMM SlotDIMM Type | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.3.1.4 | RO | Display String | -- | Status: Installed module: DIMM slot table: Entry: DIMM type |
| 91 | blade * InsDIMM SlotDIMM Frequency | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.3.1.5 | RO | Integer32 | MHz | Status: Installed module: DIMM slot table: Entry: DIMM frequency |
| 92 | blade * InsDIMM SlotDIMM CasLatency | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.3.1.6 | RO | Integer32 | -- | Status: Installed module: DIMM slot table: Entry: DIMM CAS latency |
| 93 | blade * InsDIMM SlotDIMM Status | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.3.1.7 | RO | INTEGER | normal(1)/ unknown(2)/ degenerated(3)/ planned-degenerated(4) | Status: Installed module: DIMM slot table: Entry: DIMM status |
| 94 | blade * InsPCISlot Table | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.4 | NA | Not-Accessible | -- | Status: Installed module: PCI slot table |
| 95 | blade * InsPCISlot Entry | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.4.1 | NA | Not-Accessible | -- | Status: Installed module: PCI slot table: Entry |
| 96 | blade * InsPCISlot Index | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.4.1.1 | RO | Integer32 | -- | Status: Installed module: PCI slot table: Entry: Index |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 97 | blade * InsPCISlot Type | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.4.1.2 | RO | Display String | -- | Status: Installed module: PCI slot table: Entry: Type (daughter, mezzanine, or standard) |
| 98 | blade * InsPCISlot Exist | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.4.1.3 | RO | INTEGER | non-exist(1)/ exist(2)/ unknown(3) | Status: Installed module: PCI slot table: Entry: Installation status |
| 99 | blade * InsPCISlot PCIType | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.4.1.4 | RO | Display String | -- | Status: Installed module: PCI slot table: Entry: PCI card type |
| 100 | blade * InsPCISlot PCIProduct Name | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.4.1.5 | RO | Display String | -- | Status: Installed module: PCI slot table: Entry: PCI card's name |
| 101 | blade * InsPCISlot PCISerial | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.4.1.6 | RO | Display String | -- | Status: Installed module: PCI slot table: Entry: PCI card's serial number |
| 102 | blade * InsPCISlot PCI Manufacturer | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.4.1.7 | RO | Display String | -- | Status: Installed module: PCI slot table: Entry: PCI card's manufacturer information |
| 103 | blade * InsPCISlot Num | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.4.1.8 | RO | Integer32 | -- | Status: Installed module: PCI slot table: Entry: Slot number |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| | | | | | | Note: For details about slot numbers, see the table below. |
| 104 | blade * InsLOM Table | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.5 | NA | Not-Accessible | -- | Status: Installed module: Onboard LAN table |
| 105 | blade * InsLOM Entry | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.5.1 | NA | Not-Accessible | -- | Status: Installed module: Onboard LAN table: Entry |
| 106 | blade * InsLOM Index[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.5.1.1 | RO | Integer32 | -- | Status: Installed module: Onboard LAN table: Entry: Index |
| 107 | blade * InsLOM Type[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.5.1.2 | RO | Display String | -- | Status: Installed module: Onboard LAN table: Port: Type |
| 108 | blade * InsLOM LinkSpeed[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.5.1.3 | RO | Integer32 | bps | Status: Installed module: Onboard LAN table: Port: Link speed |
| 109 | blade * InsLOM MAC[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.5.1.4 | RO | Display String | -- | Status: Installed module: Onboard LAN table: Port: MAC address |
| 110 | blade * InsLOM LinkStatus[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.5.1.5 | RO | INTEGER | up(1)/ down(2)/ unknown(3) | Status: Installed module: Onboard LAN table: Port: Link status |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 111 | blade * InsLOM PortDivide[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.5.1.6 | RO | INTEGER | possible(1)/ Impossible(2)/ unknown(3) | Status: Installed module: Onboard LAN table: Port: Availability of port partitioning |
| 112 | blade * InsLOM PortDivide Num[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.5.1.7 | RO | Integer32 | -- | Status: Installed module: Onboard LAN table: Port: Number of logical ports per physical port that are configured by port partitioning |
| 113 | blade * HDDSlot Table | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.7 | NA | Not-Accessible | -- | Status: Installed module: HDD slot table |
| 114 | blade * HDDSlot Entry | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.7.1 | NA | Not-Accessible | -- | Status: Installed module: HDD slot table: Entry |
| 115 | blade * HDDSlot Index | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.7.1.1 | RO | Integer32 | -- | Status: Installed module: HDD slot table: Entry: Index |
| 116 | blade * HDDSlot Num | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.7.1.2 | RO | Integer32 | -- | Status: Installed module: HDD slot table: Entry: Slot number |
| 117 | blade * HDDSlot Exist | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.7.1.3 | RO | INTEGER | non-exist(1)/ exist(2)/ unknown(3) | Status: Installed module: HDD slot table: Entry: Installation status |
| 118 | blade * HDDSlot HDDType[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.7.1.4 | RO | Display String | -- | Status: Installed module: HDD |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| | | | | | | slot table: Entry: HDD type |
| 119 | blade * HDDSlot HDDProduct Name[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.7.1.5 | RO | Display String | -- | Status: Installed module: HDD slot table: Entry: HDD name |
| 120 | blade * HDDSlot HDDModel[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.7.1.6 | RO | Display String | -- | Status: Installed module: HDD slot table: Entry: HDD model name |
| 121 | blade * HDDSlot HDD SerialNum[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.7.1.7 | RO | Display String | -- | Status: Installed module: HDD slot table: Entry: HDD serial number |
| 122 | blade * HDDSlot HDD Capacity[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.7.1.8 | RO | Integer32 | GB | Status: Installed module: HDD slot table: Entry: HDD capacity |
| 123 | blade * HDDSlot HDDRPM[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.7.1.9 | RO | Integer32 | rpm | Status: Installed module: HDD slot table: Entry: HDD rotation speed |
| 124 | blade * HDDSlot HDDState Power[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.7.1.10 | RO | INTEGER | poweroff(1)/ poweron(2)/ unknown(3) | Status: Installed module: HDD slot table: Entry: HDD status: Power supply status |
| 125 | blade * HDDSlot HDDState Health | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.7.1.11 | RO | INTEGER | normal(1)/ fail(2)/ unknown(3)/ rebuild(4) | Status: Installed module: HDD slot table: Entry: HDD status: Operation status |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 126 | blade * HDDSlot HDDState LEDACT[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.7.1.12 | RO | INTEGER | turn-off(1)/ turn-on(2)/ unknown(3)/ blink(4)/ blink-fast(5)/ blink-slow(6) | Status: Installed module: HDD slot table: Entry: HDD LED lighting status: Activity |
| 127 | blade * HDDSlot HDDState LEDSTS[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.7.1.13 | RO | INTEGER | turn-off(1)/ turn-on(2)/ unknown(3)/ blink(4)/ blink-fast(5)/ blink-slow(6) | Status: Installed module: HDD slot table: Entry: HDD LED lighting status: Status |
| 128 | blade * HDDSlot HDDFW InfoName[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.7.1.20 | RO | Display String | -- | Status: Installed module: HDD slot table: Entry: HDD firmware information: Name |
| 129 | blade * HDDSlot HDDFW Info CurrentVer[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.7.1.21 | RO | Display String | -- | Status: Installed module: HDD slot table: Entry: HDD firmware information: Current version |
| 130 | blade * HDDSlot HDDFW Info NextVer[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.7.1.22 | RO | Display String | -- | Status: Installed module: HDD slot table: Entry: HDD firmware information: |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| | | | | | | Version enabled at the next startup |
| 131 | blade * Expansion HDDSlot Table | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.8 | NA | Not-Accessible | -- | Status: Installed module: Expansion HDD slot table |
| 132 | blade * Expansion HDDSlot Entry | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.8.1 | NA | Not-Accessible | -- | Status: Installed module: Expansion HDD slot table: Entry |
| 133 | blade * Expansion HDDSlot Index | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.8.1.1 | RO | Integer32 | -- | Status: Installed module: Expansion HDD slot table: Entry: Index |
| 134 | blade * Expansion HDDSlot Num | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.8.1.2 | RO | Integer32 | -- | Status: Installed module: Expansion HDD slot table: Entry: Slot number |
| 135 | blade * Expansion HDDSlot Exist | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.8.1.3 | RO | INTEGER | non-exist(1)/ exist(2)/ unknown(3) | Status: Installed module: Expansion HDD slot table: Entry: Installation status |
| 136 | blade * Expansion HDDSlot HDDType[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.8.1.4 | RO | Display String | -- | Status: Installed module: Expansion HDD slot table: Entry: HDD type |
| 137 | blade * Expansion HDDSlot HDD ProductName[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.8.1.5 | RO | Display String | -- | Status: Installed module: Expansion HDD slot table: Entry: HDD name |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 138 | blade * Expansion HDDSlot HDDModel[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.8.1.6 | RO | Display String | -- | Status: Installed module: Expansion HDD slot table: Entry: HDD model name |
| 139 | blade * Expansion HDDSlot HDD SerialNum[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.8.1.7 | RO | Display String | -- | Status: Installed module: Expansion HDD slot table: Entry: HDD serial number |
| 140 | blade * Expansion HDDSlot HDDCapacity[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.8.1.8 | RO | Integer32 | GB | Status: Installed module: Expansion HDD slot table: Entry: HDD capacity |
| 141 | blade * Expansion HDDSlot HDDRPM[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.8.1.9 | RO | Integer32 | rpm | Status: Installed module: Expansion HDD slot table: Entry: HDD rotation speed |
| 142 | blade * Expansion HDDSlot HDDState Power[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.8.1.10 | RO | INTEGER | poweroff(1)/ poweron(2)/ unknown(3) | Status: Installed module: Expansion HDD slot table: Entry: HDD power supply status |
| 143 | blade * Expansion HDDSlot HDDState Health | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.8.1.11 | RO | INTEGER | normal(1)/ fail(2)/ unknown(3)/ rebuild(4) | Status: Installed module: Expansion HDD slot table: Entry: HDD operation status |
| 144 | blade * Expansion HDDSlot | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.8.1.12 | RO | INTEGER | turn-off(1)/ turn-on(2)/ | Status: Installed module: Expansion HDD slot table: |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| | HDDState LEDACT[1] | | | | unknown(3)/ blink(4)/ blink-fast(5)/ blink-slow(6) | Entry: HDD LED lighting status: Activity |
| 145 | blade * Expansion HDDSlot HDDState LEDSTS[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.8.1.13 | RO | INTEGER | turn-off(1)/ turn-on(2)/ unknown(3)/ blink(4)/ blink-fast(5)/ blink-slow(6) | Status: Installed module: Expansion HDD slot table: Entry: HDD LED lighting status: Status |
| 146 | blade * Expansion HDDSlot HDDFWInfo Name[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.8.1.20 | RO | Display String | -- | Status: Installed module: Expansion HDD slot table: Entry: HDD firmware information: Name |
| 147 | blade * Expansion HDDSlot HDDFWInfo CurrentVer[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.8.1.21 | RO | Display String | -- | Status: Installed module: Expansion HDD slot table: Entry: HDD firmware information: Current version |
| 148 | blade * Expansion HDDSlot HDDFWInfo NextVer[1] | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.8.1.22 | RO | Display String | -- | Status: Installed module: Expansion HDD slot table: Entry: HDD firmware information: Version enabled at the next startup |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 149 | blade*IOBoardSlotTable | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9 | NA | Not-Accessible | -- | Status: Installed module: I/O Board slot table |
| 150 | blade*IOBoardSlotEntry | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1 | NA | Not-Accessible | -- | Status: Installed module: I/O Board slot table: Entry |
| 151 | blade*IOBoardSlotIndex | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.1 | RO | Integer32 | -- | Status: Installed module: I/O Board slot table: Entry: Index |
| 152 | blade*IOBoardSlotIOBoardLocation | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.2 | RO | DisplayString | -- | Status: Installed module: I/O Board slot table: Entry: Location |
| 153 | blade*IOBoardSlotExist | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.3 | RO | INTEGER | non-exist(1)/ exist(2)/ unknown(3) | Status: Installed module: I/O Board slot table: Entry: Installation status |
| 154 | blade*IOBoardSlotIOBoardType | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.4 | RO | Integer32 | -- | Status: Installed module: I/O Board slot table: Entry: Type |
| 155 | blade*IOBoardSlotIOBoardProductName | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.5 | RO | DisplayString | -- | Status: Installed module: I/O Board slot table: Entry: Name |
| 156 | blade*IOBoardSlotIOBoardModel | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.6 | RO | DisplayString | -- | Status: Installed module: I/O Board slot table: Entry: Model name |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 157 | blade*IOBoardSlotIOBoardSerialNum | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.7 | RO | DisplayString | -- | Status: Installed module: I/O Board slot table: Entry: Serial number |
| 158 | blade*IOBoardSlotIOBoardProductVersion | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.8 | RO | DisplayString | -- | Status: Installed module: I/O Board slot table: Entry: Product version |
| 159 | blade*IOBoardSlotIOBoardProductManufacturer | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.9 | RO | DisplayString | -- | Status: Installed module: I/O Board slot table: Entry: manufacturer information |
| 160 | blade*IOBoardSlotIOBoardMass | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.10 | RO | Integer32 | 0.1 kg | Status: Installed module: I/O Board slot table: Entry: Mass |
| 161 | blade*IOBoardSlotIOBoardCardExist | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.11 | RO | INTEGER | non-exist(1)/ exist(2)/ unknown(3) | Status: Installed module: I/O Board slot table: Entry: Card Installation status |
| 162 | blade*IOBoardSlotIOBoardCardType | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.12 | RO | DisplayString | -- | Status: Installed module: I/O Board slot table: Entry: Card type |
| 163 | blade*IOBoardSlotIOBoardCardProductName | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.13 | RO | DisplayString | -- | Status: Installed module: I/O Board slot table: Entry: Card name |
| 164 | blade*IOBoardSlotIOBoardCardSerialNum | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.14 | RO | DisplayString | -- | Status: Installed module: I/O Board slot |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| | | | | | | table: Entry: Card serial number |
| 165 | blade*IOBoardSlotIOBoardStatePower | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.15 | RO | INTEGER | poweroff (1)/ poweron (2)/ unknown (3) | Status: Installed module: I/O Board slot table: Entry: Power supply status |
| 166 | blade*IOBoardSlotIOBoardStateHealth | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.16 | RO | INTEGER | normal (1)/ fail (2)/ unknown (3) | status: Installed module: I/O Board slot table: Entry: Operation status |
| 167 | blade*IOBoardSlotIOBoardStateLEDPOWER | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.17 | RO | INTEGER | turn-off(1)/ turn-on(2)/ unknown(3)/ blink(4)/ blink-fast(5)/ blink-slow(6) | status: Installed module: I/O Board slot table: Entry: POWER LED status |
| 168 | blade*IOBoardSlotIOBoardStateLEDPOWERColor | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.18 | RO | INTEGER | blue (1)/ green (2)/ red (3)/ amber (4)/ unknown (5) | status: Installed module: I/O Board slot table: Entry: POWER LED color |
| 169 | blade*IOBoardSlotIOBoardStateLID | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.19 | RO | INTEGER | turn-off(1)/ turn-on(2)/ unknown(3)/ blink(4)/ blink-fast(5)/ | status: Installed module: I/O Board slot table: Entry: LID status |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| | | | | | blink-slow(6) | |
| 170 | blade*IOBoardSlotIOBoardStateLIDColor | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.30.9.1.20 | RO | INTEGER | blue (1)/ green (2)/ red (3)/ amber (4)/ unknown (5) | status: Installed module: I/O Board slot table: Entry: LID color |
| 171 | blade * VoltageSensorTable | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.40 | NA | Not-Accessible | -- | Status: Voltage sensor table |
| 172 | blade * VoltageSensorEntry | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.40.1 | NA | Not-Accessible | -- | Status: Voltage sensor table: Entry |
| 173 | blade * VoltageSensorIndex | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.40.1.1 | RO | Integer32 | -- | Status: Voltage sensor table: Entry: Index |
| 174 | blade * VoltageSensorName | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.40.1.2 | RO | Display String | -- | Status: Voltage sensor table: Entry: Name |
| 175 | blade * VoltageSensorValue | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.40.1.3 | RO | Integer32 | 0.1 V | Status: Voltage sensor table: Entry: Value |
| 176 | blade * VoltageSensorValid | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.40.1.4 | RO | INTEGER | invalid(1) / valid(2)/ unknown(3) | Status: Voltage sensor table: Entry: Valid or invalid |
| 177 | blade * TempSensorTable | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.41 | NA | Not-Accessible | -- | Status: Temperature sensor table |
| 178 | blade * TempSensorEntry | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.41.1 | NA | Not-Accessible | -- | Status: Temperature sensor table: Entry |
| 179 | blade * TempSensorIndex | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.41.1.1 | RO | Integer32 | -- | Status: Temperature sensor table: Entry: Index |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 180 | blade * Temp Sensor Name | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.41.1.2 | RO | Display String | -- | Status: Temperature sensor table: Entry: Name |
| 181 | blade * Temp Sensor Value | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.41.1.3 | RO | Integer32 | 0.1 degrees C | Status: Thermal sensor table: Entry: Value |
| 182 | blade * Temp Sensor Valid | 1.3.6.1.4.1.116.5.52.1.2.1.*.4.41.1.4 | RO | INTEGER | invalid(1) / valid(2)/ unknown(3) | Status: Thermal sensor table: Entry: Valid or invalid |
| 183 | blade * FWInfo | 1.3.6.1.4.1.116.5.52.1.2.1.*.5 | NA | Not-Accessible | -- | Firmware information |
| 184 | blade * FWInfoTotal CurrentVer | 1.3.6.1.4.1.116.5.52.1.2.1.*.5.1 | RO | Display String | -- | Firmware information: Current consolidated version |
| 185 | blade * FWInfoTotal NextVer | 1.3.6.1.4.1.116.5.52.1.2.1.*.5.2 | RO | Display String | -- | Firmware information: Consolidated version enabled at the next startup |
| 186 | blade * FWInfo Table | 1.3.6.1.4.1.116.5.52.1.2.1.*.5.3 | NA | Not-Accessible | -- | Firmware information: Firmware information table |
| 187 | blade * FWInfo Entry | 1.3.6.1.4.1.116.5.52.1.2.1.*.5.3.1 | NA | Not-Accessible | -- | Firmware information: Firmware information table: Entry |
| 188 | blade * FWInfo Index | 1.3.6.1.4.1.116.5.52.1.2.1.*.5.3.1.1 | RO | Integer32 | -- | Firmware information: Firmware information table: Entry: Index |
| 189 | blade * FWInfo Name | 1.3.6.1.4.1.116.5.52.1.2.1.*.5.3.1.2 | RO | Display String | -- | Firmware information: Firmware information |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| | | | | | | table: Entry: Name |
| 190 | blade * FW CurrentVer | 1.3.6.1.4.1.116.5.52.1.2.1.*.5.3.1.3 | RO | Display String | -- | Firmware information: Firmware information table: Entry: Current version |
| 191 | blade * FWInfo NextVer | 1.3.6.1.4.1.116.5.52.1.2.1.*.5.3.1.4 | RO | Display String | -- | Firmware information: Firmware information table: Entry: Version enabled at the next startup |
| 192 | blade * FWInfo HVM CurrentVer | 1.3.6.1.4.1.116.5.52.1.2.1.*.5.4 | RO | Display String | -- | Firmware information: Current LPAR Manager version |
| 193 | blade * FWInfo HVM NextVer | 1.3.6.1.4.1.116.5.52.1.2.1.*.5.5 | RO | Display String | -- | Firmware information: Version enabled at the next LPAR Manager startup |
| Note:<br>1. This item is defined as a MIB file, but this item cannot be obtained in this system. (If you use snmpwalk to obtain the items, the processing automatically skips to the next item.) | | | | | | |

**Table 3-11 Management module information (*: A management module number from 1 to 2)**

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 1 | management Module | 1.3.6.1.4.1.116.5.52.1.2.2 | NA | Not-Accessible | -- | Management module information |
| 2 | management Module * | 1.3.6.1.4.1.116.5.52.1.2.2.* | NA | Not-Accessible | -- | Management module information |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 3 | managementModule * BasicInfo | 1.3.6.1.4.1.116.5.52.1.2.2.*.1 | NA | Not-Accessible | -- | Basic information |
| 4 | mm *Info ProductName | 1.3.6.1.4.1.116.5.52.1.2.2.*.1.1 | RO | Display String | -- | Basic information: Name |
| 5 | mm *Info Model[1] | 1.3.6.1.4.1.116.5.52.1.2.2.*.1.2 | RO | Display String | -- | Basic information: Model name |
| 6 | mm *Info SerialNum[1] | 1.3.6.1.4.1.116.5.52.1.2.2.*.1.3 | RO | Display String | -- | Basic information: Serial number |
| 7 | mm *Info Product Version | 1.3.6.1.4.1.116.5.52.1.2.2.*.1.4 | RO | Display String | -- | Basic information: Product version |
| 8 | mm *Info Product Manufacturer | 1.3.6.1.4.1.116.5.52.1.2.2.*.1.5 | RO | Display String | -- | Basic information: Manufacturer information |
| 9 | mm *Info ChassisID | 1.3.6.1.4.1.116.5.52.1.2.2.*.1.6 | RO | Display String | -- | Basic information: Server chassis ID |
| 10 | mm *Info Board ProductName | 1.3.6.1.4.1.116.5.52.1.2.2.*.1.7 | RO | Display String | -- | Basic information: Board name |
| 11 | mm *Info Board SerialNum | 1.3.6.1.4.1.116.5.52.1.2.2.*.1.8 | RO | Display String | -- | Basic information: Board's serial number |
| 12 | mm *Info Board Manufacturer | 1.3.6.1.4.1.116.5.52.1.2.2.*.1.9 | RO | Display String | -- | Basic information: Board's manufacturer information |
| 13 | mm *Info Spec | 1.3.6.1.4.1.116.5.52.1.2.2.*.1.20 | NA | Not-Accessible | -- | Basic information: Specifications |
| 14 | mm *Spec Power Consumption | 1.3.6.1.4.1.116.5.52.1.2.2.*.1.20.1 | RO | Integer32 | W | Basic information: Specifications: Electric power consumption |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 15 | mm *Spec Mass | 1.3.6.1.4.1.116.5.52.1.2.2.*.1.20.2 | RO | Integer32 | 0.1 kg | Basic information: Specifications: Weight |
| 16 | mm *Spec UpperLimit Temp | 1.3.6.1.4.1.116.5.52.1.2.2.*.1.20.3 | RO | Integer32 | 0.1 degrees C | Basic information: Specifications: Upper limit of the thermal sensor |
| 17 | mm *Spec LowerLimit Temp | 1.3.6.1.4.1.116.5.52.1.2.2.*.1.20.4 | RO | Integer32 | 0.1 degrees C | Basic information: Specifications: Lower limit of the thermal sensor |
| 18 | management Module * Capacity | 1.3.6.1.4.1.116.5.52.1.2.2.*.2 | NA | Not-Accessible | -- | Capacity |
| 19 | mm * Capacity Voltage Sensor | 1.3.6.1.4.1.116.5.52.1.2.2.*.2.1 | RO | Integer32 | -- | Capacity: Number of voltage sensors |
| 20 | mm * Capacity TempSensor | 1.3.6.1.4.1.116.5.52.1.2.2.*.2.2 | RO | Integer32 | -- | Capacity: Number of temperature sensors |
| 21 | mm * Capacity LED | 1.3.6.1.4.1.116.5.52.1.2.2.*.2.3 | RO | Integer32 | -- | Capacity: Maximum number of LEDs |
| 22 | management Module * Settings | 1.3.6.1.4.1.116.5.52.1.2.2.*.3 | NA | Not-Accessible | -- | Settings |
| 23 | mm * Settings Management IPAddress | 1.3.6.1.4.1.116.5.52.1.2.2.*.3.1 | RO | Display String | -- | Settings: Management LAN's IP address |
| 24 | mm * Settings Maint IPAddress | 1.3.6.1.4.1.116.5.52.1.2.2.*.3.2 | RO | Display String | -- | Settings: Maintenance LAN's IP address |
| 25 | management Module * State | 1.3.6.1.4.1.116.5.52.1.2.2.*.4 | NA | Not-Accessible | -- | Status |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 26 | mm *State SlotNum | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.1 | RO | Integer32 | -- | Status: Installation destination slot number |
| 27 | mm *State Power | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.2 | RO | INTEGER | poweroff(1)/ standby(2)/ poweron(3)/ unknown(4)/ poweron-executing(5)/ poweroff-executing(6) | Status: Power supply status |
| 28 | mm *State Health | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.3 | RO | INTEGER | normal(1)/ fail(2)/ unknown(3) | Status: Operation status |
| 29 | mm *State Active | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.4 | RO | INTEGER | active(1)/ standby(2)/ unknown(3) | Status: Active or backup |
| 30 | mm *State LEDTable | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.5 | NA | Not-Accessible | -- | Status: LED lighting status table |
| 31 | mm *State LEDEntry | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.5.1 | NA | Not-Accessible | -- | Status: LED lighting status table: Entry |
| 32 | mm *State LEDIndex | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.5.1.1 | RO | Integer32 | -- | Status: LED lightning status table: Entry: Index |
| 33 | mm *State LEDName | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.5.1.2 | RO | Display String | -- | Status: LED lighting status table: Entry: Name |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 34 | mm *State LEDState | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.5.1.3 | RO | INTEGER | turn-off(1)/ turn-on(2)/ unknown(3)/ blink(4)/ blink-fast(5)/ blink-slow(6) | Status: LED lighting status table: Entry: Status |
| 35 | mm *State LEDColor | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.5.1.4 | RO | INTEGER | blue(1)/ green(2)/ red(3)/ amber(4)/ unknown(5) | Status: LED lighting status table: Entry: Color |
| 36 | mm *State Other | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.20 | NA | Not-Accessible | -- | Status: Other |
| 37 | mm * MaintMode | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.20.1 | RO | INTEGER | Normal(1)/ CE-Maint-mode(2)/ User-Maint-mode(3)/ unknown(4) | Status: Other: Maintenance mode |
| 38 | mm * Voltage SensorTable | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.30 | NA | Not-Accessible | -- | Status: Voltage sensor table |
| 39 | mm * Voltage SensorEntry | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.30.1 | NA | Not-Accessible | -- | Status: Voltage sensor table: Entry |
| 40 | mm * Voltage SensorIndex | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.30.1.1 | RO | Integer32 | -- | Status: Voltage sensor table: Entry: Index |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 41 | mm * Voltage SensorName | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.30.1.2 | RO | Display String | -- | Status: Voltage sensor table: Entry: Name |
| 42 | mm * Voltage SensorValue | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.30.1.3 | RO | Integer32 | 0.1 V | Status: Voltage sensor table: Entry: Value |
| 43 | mm * Voltage SensorValid | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.30.1.4 | RO | INTEGER | invalid(1) / valid(2)/ unknown(3) | Status: Voltage sensor table: Entry: Valid or invalid |
| 44 | mm * TempSensor Table | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.31 | NA | Not-Accessible | -- | Status: Temperature sensor table |
| 45 | mm * TempSensor Entry | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.31.1 | NA | Not-Accessible | -- | Status: Temperature sensor table: Entry |
| 46 | mm * TempSensor Index | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.31.1.1 | RO | Integer32 | -- | Status: Temperature sensor table: Entry: Index |
| 47 | mm * TempSensor Name | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.31.1.2 | RO | Display String | -- | Status: Thermal sensor table: Entry: Name |
| 48 | mm * TempSensor Value | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.31.1.3 | RO | Integer32 | 0.1 degrees C | Status: Thermal sensor table: Entry: Value |
| 49 | mm * TempSensor Valid | 1.3.6.1.4.1.116.5.52.1.2.2.*.4.31.1.4 | RO | INTEGER | invalid(1) / valid(2)/ unknown(3) | Status: Thermal sensor table: Entry: Valid or invalid |
| 50 | management Module * FWInfo | 1.3.6.1.4.1.116.5.52.1.2.2.*.5 | NA | Not-Accessible | -- | Firmware information |
| 51 | management Module * FWInfo TotalVer | 1.3.6.1.4.1.116.5.52.1.2.2.*.5.1 | RO | Display String | -- | Firmware information: Consolidated version |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 52 | management Module * FWInfo Table | 1.3.6.1.4.1.116.5.52.1.2.2.*.5.2 | NA | Not-Accessible | -- | Firmware information: Firmware information table |
| 53 | management Module * FWInfo Entry | 1.3.6.1.4.1.116.5.52.1.2.2.*.5.2.1 | NA | Not-Accessible | -- | Firmware information: Firmware information table: Entry |
| 54 | management Module * FWInfo Index | 1.3.6.1.4.1.116.5.52.1.2.2.*.5.2.1.1 | RO | Integer32 | -- | Firmware information: Firmware information table: Entry: Index |
| 55 | management Module * FWInfo Name | 1.3.6.1.4.1.116.5.52.1.2.2.*.5.2.1.2 | RO | Display String | -- | Firmware information: Firmware information table: Entry: Name |
| 56 | management Module * FWInfo CurrentVer | 1.3.6.1.4.1.116.5.52.1.2.2.*.5.2.1.3 | RO | Display String | -- | Firmware information: Firmware information table: Entry: Current version |
| Note:<br>1. This item is defined as a MIB file, but this item cannot be obtained in this system. (If you use snmpwalk to obtain the items, the processing automatically skips to the next item.) | | | | | | |

**Table 3-12 Switch module information (*: A switch module number from 1 to 2)**

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 1 | switch Module | 1.3.6.1.4.1.116.5.52.1.2.3 | NA | Not-Accessible | -- | Switch module information |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 2 | switch Module * | 1.3.6.1.4.1.116 .5.52.1.2.3.* | NA | Not-Accessible | -- | Switch module information |
| 3 | switch Module * BasicInfo | 1.3.6.1.4.1.116 .5.52.1.2.3.*.1 | NA | Not-Accessible | -- | Basic information |
| 4 | sw *Info ProductNam e | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 1.1 | RO | Display String | -- | Basic information: Name |
| 5 | sw *Info Model | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 1.2 | RO | Display String | -- | Basic information: Model name |
| 6 | sw *Info SerialNum | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 1.3 | RO | Display String | -- | Basic information: Product number |
| 7 | sw *Info ProductVersi on | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 1.4 | RO | Display String | -- | Basic information: Product version |
| 8 | sw *Info Product Manufacture r | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 1.5 | RO | Display String | -- | Basic information: Manufacturer information |
| 9 | sw *Info Board ProductNam e | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 1.6 | RO | Display String | -- | Basic information: Board name |
| 10 | sw *Info Board SerialNum | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 1.7 | RO | Display String | -- | Basic information: Board's serial number |
| 11 | sw *Info Board Manufacture r | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 1.8 | RO | Display String | -- | Basic information: Board's manufacturer information |
| 12 | sw *Info Spec | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 1.20 | NA | Not-Accessible | -- | Basic information: Specifications |
| 13 | sw *Spec Power Consumptio n | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 1.20.1 | RO | Integer32 | W | Basic information: Specifications: Electric power consumption |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 14 | sw *Spec Mass | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 1.20.2 | RO | Integer32 | 0.1 kg | Basic information: Specifications: Weight |
| 15 | switch Module * Capacity | 1.3.6.1.4.1.116 .5.52.1.2.3.*.2 | NA | Not-Accessible | -- | Capacity |
| 16 | sw * Capacity LED | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 2.1 | RO | Integer32 | -- | Capacity: Maximum number of LEDs |
| 17 | switch Module * State | 1.3.6.1.4.1.116 .5.52.1.2.3.*.4 | NA | Not-Accessible | -- | Status |
| 18 | sw *State SlotNum | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.1 | RO | Integer32 | -- | Status: Installation destination slot number |
| 19 | sw *State Power | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.2 | RO | INTEGER | Poweroff( 1)/ standby(2 )/ PowerOn( 3)/ unknown( 4)/ Power-on-executin g(5)/ Power-off-executin g(6) | Status: Power supply status |
| 20 | sw * StateHealth | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.3 | RO | INTEGER | normal(1) / fail(2)/ unknown( 3) | Status: Operation status |
| 21 | sw *State LEDTable | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.4 | NA | Not-Accessible | -- | Status: LED lighting status table |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 22 | sw *State LEDEntry | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.4.1 | NA | Not-Accessible | -- | LED lighting status table: Entry |
| 23 | sw *State LEDIndex | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.4.1.1 | RO | Integer32 | -- | Status: LED lightning status table: Entry: Index |
| 24 | sw *State LEDName | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.4.1.2 | RO | Display String | -- | Status: LED lighting status table: Entry: Name |
| 25 | sw *State LEDState | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.4.1.3 | RO | INTEGER | turn-off(1)/ turn-on(2)/ unknown(3)/ blink(4)/ blink-fast(5)/ blink-slow(6) | Status: LED lighting status table: Entry: Status |
| 26 | sw *State LEDColor | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.4.1.4 | RO | INTEGER | blue(1)/ green(2)/ red(3)/ amber(4) / unknown(5) | Status: LED lighting status table: Entry: Color |
| 27 | sw *State Other | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.20 | NA | Not-Accessible | -- | Status: Other |
| 28 | sw * MaintMode | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.20.1 | RO | INTEGER | Normal(1) / CE-Maint-mode(2)/ User-Maint-mode(3)/ unknown(4) | Status: Other: Maintenance mode |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 29 | sw *Voltage Sensor Table | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.30 | NA | Not-Accessible | -- | Status: Voltage sensor table |
| 30 | sw *Voltage Sensor Entry | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.30.1 | NA | Not-Accessible | -- | Status: Voltage sensor table: Entry |
| 31 | sw *Voltage Sensor Index[1] | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.30.1.1 | RO | Integer32 | -- | Status: Voltage sensor table: Entry: Index |
| 32 | sw *Voltage Sensor Name[1] | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.30.1.2 | RO | Display String | -- | Status: Voltage sensor table: Entry: Name |
| 33 | sw *Voltage Sensor Value[1] | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.30.1.3 | RO | Integer32 | 0.1 V | Status: Voltage sensor table: Entry: Value |
| 34 | sw *Voltage Sensor Valid[1] | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.30.1.4 | RO | INTEGER | invalid(1) / valid(2)/ unknown( 3) | Status: Voltage sensor table: Entry: Valid or invalid |
| 35 | sw * TempSensor Table | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.31 | NA | Not-Accessible | -- | Status: Temperature sensor table |
| 36 | sw * TempSensor Entry | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.31.1 | NA | Not-Accessible | -- | Status: Temperature sensor table: Entry |
| 37 | sw * TempSensor Index | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.31.1.1 | RO | Integer32 | -- | Status: Temperature sensor table: Entry: Index |
| 38 | sw * TempSensor Name | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.31.1.2 | RO | Display String | -- | Status: Temperature sensor table: Entry: Name |
| 39 | sw * TempSensor Value | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.31.1.3 | RO | Integer32 | 0.1 degrees C | Status: Thermal sensor table: Entry: Value |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 40 | sw * TempSensor Valid | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.31.1.4 | RO | INTEGER | invalid(1) / valid(2)/ unknown( 3) | Status: Thermal sensor table: Entry: Valid or invalid |
| 41 | sw *Current Sensor Table | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.32 | NA | Not-Accessible | -- | Status: Electric current sensor table |
| 42 | sw *Current Sensor Entry | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.32.1 | NA | Not-Accessible | -- | Status: Electric current sensor table: Entry |
| 43 | sw *Current Sensor Index[1] | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.32.1.1 | RO | Integer32 | -- | Status: Electric current sensor table: Entry: Index |
| 44 | sw *Current Sensor Name[1] | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.32.1.2 | RO | Display String | -- | Status: Electric current sensor table: Entry: Name |
| 45 | sw *Current Sensor Value[1] | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.32.1.3 | RO | Integer32 | 0.1 A | Status: Electric current sensor table: Entry: Value |
| 46 | sw *Current Sensor Valid[1] | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 4.32.1.4 | RO | INTEGER | invalid(1) / valid(2)/ unknown( 3) | Status: Electric current sensor table: Entry: Valid or invalid |
| 47 | switch Module * FWInfo | 1.3.6.1.4.1.116 .5.52.1.2.3.*.5 | NA | Not-Accessible | -- | Firmware information |
| 48 | switch Module * FWInfo TotalVer | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 5.1 | RO | Display String | -- | Firmware information: Consolidated version |
| 49 | switch Module * FWInfo Table | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 5.2 | NA | Not-Accessible | -- | Firmware information: Firmware information table |
| 50 | switch Module * | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 5.2.1 | NA | Not-Accessible | -- | Firmware information: Firmware |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| | FWInfo Entry | | | | | information table: Entry |
| 51 | switch Module * FWInfo Index | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 5.2.1.1 | RO | Integer32 | -- | Firmware information: Firmware information table: Entry: Index |
| 52 | switch Module * FWInfo Name | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 5.2.1.2 | RO | Display String | -- | Firmware information: Firmware information table: Entry: Name |
| 53 | switch Module * FWInfo CurrentVer | 1.3.6.1.4.1.116 .5.52.1.2.3.*. 5.2.1.3 | RO | Display String | -- | Firmware information: Firmware information table: Entry: Current version |
| Note:<br>1. This item is defined as a MIB file, but this item cannot be obtained in this system. (If you use snmpwalk to obtain the items, the processing automatically skips to the next item.) | | | | | | |

**Table 3-13 Fan module information (*: A fan module number from 1 to 10)**

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 1 | fanModule | 1.3.6.1.4.1.11 6.5.52.1.2.4 | NA | Not-Accessible | -- | Fan module information |
| 2 | fanModule * | 1.3.6.1.4.1.11 6.5.52.1.2.4.* | NA | Not-Accessible | -- | Fan module information |
| 3 | fanModule * BasicInfo | 1.3.6.1.4.1.11 6.5.52.1.2.4.*. 1 | NA | Not-Accessible | -- | Basic information |
| 4 | fanModule * InfoType | 1.3.6.1.4.1.11 6.5.52.1.2.4.*. 1.1 | RO | INTEGER | -- | Basic information: Type |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 5 | fanModule * InfoSpec | 1.3.6.1.4.1.11 6.5.52.1.2.4.*. 1.20 | NA | Not-Accessible | -- | Basic information: Specifications |
| 6 | fanModule * SpecPower Consumption | 1.3.6.1.4.1.11 6.5.52.1.2.4.*. 1.20.1 | RO | Integer32 | W | Basic information: Specifications: Electric power consumption |
| 7 | fanModule * SpecMass | 1.3.6.1.4.1.11 6.5.52.1.2.4.*. 1.20.2 | RO | Integer32 | 0.1 kg | Basic information: Specifications: Weight |
| 8 | fanModule * Spec MaxRPM[1] | 1.3.6.1.4.1.11 6.5.52.1.2.4.*. 1.20.3 | RO | Integer32 | rpm | Basic information: Specifications: Maximum rotation speed |
| 9 | fanModule * Spec MaxAir Volume[1] | 1.3.6.1.4.1.11 6.5.52.1.2.4.*. 1.20.4 | RO | Integer32 | $0.1m^3$/min | Basic information: Specifications: Maximum airflow |
| 10 | fanModule * Spec MinRPM[1] | 1.3.6.1.4.1.11 6.5.52.1.2.4.*. 1.20.5 | RO | Integer32 | rpm | Basic information: Specifications: Minimum rotation speed |
| 11 | fanModule * Spec MinAir Volume[1] | 1.3.6.1.4.1.11 6.5.52.1.2.4.*. 1.20.6 | RO | Integer32 | $0.1m^3$/min | Basic information: Specifications: Minimum airflow |
| 12 | fanModule * Capacity | 1.3.6.1.4.1.11 6.5.52.1.2.4.*. 2 | NA | Not-Accessible | -- | Capacity |
| 13 | fanModule * CapacityFan | 1.3.6.1.4.1.11 6.5.52.1.2.4.*. 2.1 | RO | Integer32 | -- | Capacity: Number of installed fans |
| 14 | fanModule * Capacity LED | 1.3.6.1.4.1.11 6.5.52.1.2.4.*. 2.2 | RO | Integer32 | -- | Capacity: Maximum number of LEDs |
| 15 | fanModule * State | 1.3.6.1.4.1.11 6.5.52.1.2.4.*. 4 | NA | Not-Accessible | -- | Status |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 16 | fanModule * State SlotNum | 1.3.6.1.4.1.116.5.52.1.2.4.*.4.1 | RO | Integer32 | -- | Status: Installation destination slot number |
| 17 | fanModule * State Power | 1.3.6.1.4.1.116.5.52.1.2.4.*.4.2 | RO | INTEGER | poweroff(1)/ standby(2)/ poweron(3)/ unknown(4)/ poweron-executing(5)/ poweroff-executing(6) | Status: Power supply status |
| 18 | fanModule * State Health | 1.3.6.1.4.1.116.5.52.1.2.4.*.4.3 | RO | INTEGER | normal(1)/ fail(2)/ unknown(3) | Status: Operation status |
| 19 | fanModule * State Redundancy | 1.3.6.1.4.1.116.5.52.1.2.4.*.4.4 | RO | INTEGER | redundancy(1)/ non-redundancy(2)/ unknown(3) | Status: Redundancy in the module |
| 20 | fanModule * State AirVolume | 1.3.6.1.4.1.116.5.52.1.2.4.*.4.5 | RO | Integer32 | 0.1$m^3$/min | Status: Airflow |
| 21 | fanModule * State LEDTable | 1.3.6.1.4.1.116.5.52.1.2.4.*.4.6 | NA | Not-Accessible | -- | Status: LED lighting status table |
| 22 | fanModule * State LEDEntry | 1.3.6.1.4.1.116.5.52.1.2.4.*.4.6.1 | NA | Not-Accessible | -- | Status: LED lighting status table: Entry |
| 23 | fanModule * State LEDIndex | 1.3.6.1.4.1.116.5.52.1.2.4.*.4.6.1.1 | RO | Integer32 | -- | Status: LED lightning status table: Entry: Index |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 24 | fanModule * State LEDName | 1.3.6.1.4.1.116.5.52.1.2.4.*.4.6.1.2 | RO | Display String | -- | Status: LED lighting status table: Entry: Name |
| 25 | fanModule * State LEDState | 1.3.6.1.4.1.116.5.52.1.2.4.*.4.6.1.3 | RO | INTEGER | turn-off(1)/ turn-on(2)/ unknown(3)/ blink(4)/ blink-fast(5)/ blink-slow(6) | Status: LED lighting status table: Entry: Status |
| 26 | fanModule * State LEDColor | 1.3.6.1.4.1.116.5.52.1.2.4.*.4.6.1.4 | RO | INTEGER | blue(1)/ green(2)/ red(3)/ amber(4)/ unknown(5) | Status: LED lighting status table: Entry: Color |
| 27 | fanModule * State FanTable | 1.3.6.1.4.1.116.5.52.1.2.4.*.4.10 | NA | Not-Accessible | -- | Status: Fan status table |
| 28 | fanModule * State FanEntry | 1.3.6.1.4.1.116.5.52.1.2.4.*.4.10.1 | NA | Not-Accessible | -- | Status: Fan status table: Entry |
| 29 | fanModule * State FanIndex | 1.3.6.1.4.1.116.5.52.1.2.4.*.4.10.1.1 | RO | Integer32 | -- | Status: Fan status table: Entry: Index |
| 30 | fanModule * State FanLocation | 1.3.6.1.4.1.116.5.52.1.2.4.*.4.10.1.2 | RO | Display String | -- | Status: Fan status table: Entry: Location |
| 31 | fanModule * State FanRPM | 1.3.6.1.4.1.116.5.52.1.2.4.*.4.10.1.3 | RO | Integer32 | rpm | Status: Fan status table: Entry: Rotation speed |
| 32 | fanModule * State FanRPMValid | 1.3.6.1.4.1.116.5.52.1.2.4.*.4.10.1.4 | RO | INTEGER | invalid(1)/ valid(2)/ unknown(3) | Status: Fan status table: Entry: Validity of rotation speed data |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| Note:<br>1. This item is defined as a MIB file, but this item cannot be obtained in this system. (If you use snmpwalk to obtain the items, the processing automatically skips to the next item.) | | | | | | |

**Table 3-14 Power supply module information (*: A power supply module number from 1 to 6)**

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 1 | powerSupply | 1.3.6.1.4.1.116.5.52.1.2.5 | NA | Not-Accessible | -- | Power supply module information |
| 2 | powerSupply* | 1.3.6.1.4.1.116.5.52.1.2.5.* | NA | Not-Accessible | -- | Power supply module information |
| 3 | powerSupply* BasicInfo | 1.3.6.1.4.1.116.5.52.1.2.5.*.1 | NA | Not-Accessible | -- | Basic information |
| 4 | powerSupply* Info ProductName | 1.3.6.1.4.1.116.5.52.1.2.5.*.1.2 | RO | Display String | -- | Basic information: Name |
| 5 | powerSupply* Info Model | 1.3.6.1.4.1.116.5.52.1.2.5.*.1.3 | RO | Display String | -- | Basic information: Model name |
| 6 | powerSupply* Info SerialNum[1] | 1.3.6.1.4.1.116.5.52.1.2.5.*.1.4 | RO | Display String | -- | Basic information: Serial number |
| 7 | powerSupply* Info ProductVersion | 1.3.6.1.4.1.116.5.52.1.2.5.*.1.5 | RO | Display String | -- | Basic information: Product version |
| 8 | powerSupply* Info ProductManufacturer | 1.3.6.1.4.1.116.5.52.1.2.5.*.1.6 | RO | Display String | -- | Basic information: Manufacturer information |
| 9 | powerSupply* Info Spec | 1.3.6.1.4.1.116.5.52.1.2.5.*.1.20 | NA | Not-Accessible | -- | Basic information: Specifications |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 10 | powerSupply * SpecPower Consumption | 1.3.6.1.4.1.116.5.52.1.2.5.*.1.20.1 | RO | Integer 32 | W | Basic information: Specifications : Electric power consumption |
| 11 | powerSupply * SpecMass | 1.3.6.1.4.1.116.5.52.1.2.5.*.1.20.2 | RO | Integer 32 | 0.1 kg | Basic information: Specifications : Weight |
| 12 | powerSupply * SpecRate VoltageMain | 1.3.6.1.4.1.116.5.52.1.2.5.*.1.20.3 | RO | Integer 32 | 0.1 V | Basic information: Specifications : Rated voltage (main) |
| 13 | powerSupply * SpecRate VoltageSub[1] | 1.3.6.1.4.1.116.5.52.1.2.5.*.1.20.4 | RO | Integer 32 | 0.1 V | Basic information: Specifications : Rated voltage (sub) |
| 14 | powerSupply * Spec AmbientTemp UpperLimit[1] | 1.3.6.1.4.1.116.5.52.1.2.5.*.1.20.5 | RO | Integer 32 | 0.1 degrees C | Basic information: Specifications : Upper limit of the environment temperature |
| 15 | powerSupply * Spec AmbientTemp LowerLimit[1] | 1.3.6.1.4.1.116.5.52.1.2.5.*.1.20.6 | RO | Integer 32 | 0.1 degrees C | Basic information: Specifications : Lower limit of the environment temperature |
| 16 | powerSupply * Spec HotSpotTemp UpperLimit[1] | 1.3.6.1.4.1.116.5.52.1.2.5.*.1.20.7 | RO | Integer 32 | 0.1 degrees C | Basic information: Specifications : Upper limit of the hotspot temperature |
| 17 | powerSupply * Spec HotSpotTemp LowerLimit[1] | 1.3.6.1.4.1.116.5.52.1.2.5.*.1.20.8 | RO | Integer 32 | 0.1 degrees C | Basic information: Specifications : Lower limit of the hotspot temperature |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 18 | powerSupply * Spec ExhaustTemp UpperLimit[1] | 1.3.6.1.4.1.116.5.52.1.2.5.*.1.20.9 | RO | Integer 32 | 0.1 degrees C | Basic information: Specifications : Upper limit of the exhaust temperature |
| 19 | powerSupply * Spec ExhaustTemp LowerLimit[1] | 1.3.6.1.4.1.116.5.52.1.2.5.*.1.20.10 | RO | Integer 32 | 0.1 degrees C | Basic information: Specifications : Lower limit of the exhaust temperature |
| 20 | powerSupply * Capacity | 1.3.6.1.4.1.116.5.52.1.2.5.*.2 | NA | Not-Accessible | -- | Capacity |
| 21 | powerSupply * CapacityFan | 1.3.6.1.4.1.116.5.52.1.2.5.*.2.1 | RO | Integer 32 | -- | Capacity: Number of installed fans |
| 22 | powerSupply * State | 1.3.6.1.4.1.116.5.52.1.2.5.*.4 | NA | Not-Accessible | -- | Status |
| 23 | powerSupply * State SlotNum | 1.3.6.1.4.1.116.5.52.1.2.5.*.4.1 | RO | Integer 32 | -- | Status: Installation destination slot number |
| 24 | powerSupply * State Power | 1.3.6.1.4.1.116.5.52.1.2.5.*.4.2 | RO | INTEGER | poweroff(1)/ poweron(2)/ unknown(3) | Status: Power supply status |
| 25 | powerSupply * State Health | 1.3.6.1.4.1.116.5.52.1.2.5.*.4.3 | RO | INTEGER | normal(1)/ fail(2)/ unknown(3) | Status: Operation status |
| 26 | powerSupply * State AmbientTemp | 1.3.6.1.4.1.116.5.52.1.2.5.*.4.4 | RO | Integer 32 | 0.1 degrees C | Status: Environment temperature |
| 27 | powerSupply * State HotSpotTemp [1] | 1.3.6.1.4.1.116.5.52.1.2.5.*.4.5 | RO | Integer 32 | 0.1 degrees C | Status: Hotspot temperature |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 28 | powerSupply * State ExhaustTemp | 1.3.6.1.4.1.116.5.52.1.2.5.*.4.6 | RO | Integer 32 | 0.1 degrees C | Status: Exhaust temperature |
| 29 | powerSupply * State MainVoltage[1] | 1.3.6.1.4.1.116.5.52.1.2.5.*.4.7 | RO | Integer 32 | 0.1 V | Status: Output voltage (main) |
| 30 | powerSupply * State SubVoltage[1] | 1.3.6.1.4.1.116.5.52.1.2.5.*.4.8 | RO | Integer 32 | 0.1 V | Status: Output voltage (sub) |
| 31 | powerSupply * State InputVoltage[1] | 1.3.6.1.4.1.116.5.52.1.2.5.*.4.9 | RO | Integer 32 | 0.1 V | Status: Input voltage |
| 32 | powerSupply * State MainCurrent[1] | 1.3.6.1.4.1.116.5.52.1.2.5.*.4.10 | RO | Integer 32 | 0.1 A | Status: Output electric current (main) |
| 33 | powerSupply * State SubCurrent[1] | 1.3.6.1.4.1.116.5.52.1.2.5.*.4.11 | RO | Integer 32 | 0.1 A | Status: Output electric current (sub) |
| 34 | powerSupply * State InputCurrent[1] | 1.3.6.1.4.1.116.5.52.1.2.5.*.4.12 | RO | Integer 32 | 0.1 A | Status: Input electric current |
| 35 | powerSupply * State FanTable | 1.3.6.1.4.1.116.5.52.1.2.5.*.4.14 | NA | Not-Accessible | -- | Status: Fan status table |
| 36 | powerSupply * State FanEntry | 1.3.6.1.4.1.116.5.52.1.2.5.*.4.14.1 | NA | Not-Accessible | -- | Status: Fan status table: Entry |
| 37 | powerSupply * State FanIndex | 1.3.6.1.4.1.116.5.52.1.2.5.*.4.14.1.1 | RO | Integer 32 | -- | Status: Fan status table: Entry: Index |
| 38 | powerSupply * State FanLocation | 1.3.6.1.4.1.116.5.52.1.2.5.*.4.14.1.2 | RO | Display String | -- | Status: Fan status table: Entry: Location |
| 39 | powerSupply * State FanRPM | 1.3.6.1.4.1.116.5.52.1.2.5.*.4.14.1.3 | RO | Integer 32 | rpm | Status: Fan status table: Entry: Rotation speed |
| Note: | | | | | | |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 1. This item is defined as a MIB file, but this item cannot be obtained in this system. (If you use snmpwalk to obtain the items, the processing automatically skips to the next item.) | | | | | | |

**Table 3-15 Management LAN module information (*: Management LAN module number from 1 to 2)**

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 1 | managementLAN Module | 1.3.6.1.4.1. 116.5.52.1. 2.6 | NA | Not-Accessible | -- | Management LAN module information |
| 2 | managementLAN Module* | 1.3.6.1.4.1. 116.5.52.1. 2.6.* | NA | Not-Accessible | -- | Management LAN module information |
| 3 | managementLAN Module*BasicInfo | 1.3.6.1.4.1. 116.5.52.1. 2.6.*.1 | NA | Not-Accessible | -- | Basic information |
| 4 | managementLAN Module*InfoProductName | 1.3.6.1.4.1. 116.5.52.1. 2.6.*.1.1 | RO | Display String | -- | Basic information: Name |
| 5 | managementLAN Module*InfoModel | 1.3.6.1.4.1. 116.5.52.1. 2.6.*.1.2 | RO | Display String | -- | Basic information: model name |
| 6 | managementLAN Module*InfoSerialNum | 1.3.6.1.4.1. 116.5.52.1. 2.6.*.1.3 | RO | Display String | -- | Basic information: Serial number |
| 7 | managementLAN Module*InfoProductVersion | 1.3.6.1.4.1. 116.5.52.1. 2.6.*.1.4 | RO | Display String | -- | Basic information: Product version |
| 8 | managementLAN Module*InfoProductManufacturer | 1.3.6.1.4.1. 116.5.52.1. 2.6.*.1.5 | RO | Display String | -- | Basic information: Manufacturer information |
| 9 | managementLAN Module*InfoBoard ProductName | 1.3.6.1.4.1. 116.5.52.1. 2.6.*.1.6 | RO | Display String | -- | Basic information: Board name |
| 10 | managementLAN Module*InfoBoard SerialNum | 1.3.6.1.4.1. 116.5.52.1. 2.6.*.1.7 | RO | Display String | -- | Basic information: Board's serial number |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 11 | managementLANModule*InfoSpec | 1.3.6.1.4.1.116.5.52.1.2.6.*.1.20 | NA | Not-Accessible | -- | Basic information: Specifications |
| 12 | managementLANModule*SpecPowerConsumption | 1.3.6.1.4.1.116.5.52.1.2.6.*.1.20.1 | RO | Integer32 | W | Basic information: Specifications: Electric power consumption |
| 13 | managementLANModule*SpecMass | 1.3.6.1.4.1.116.5.52.1.2.6.*.1.20.2 | RO | Integer32 | 0.1 kg | Basic information: Specifications: Mass |
| 14 | managementLANModule*Capacity | 1.3.6.1.4.1.116.5.52.1.2.6.*1.2 | NA | Not-Accessible | -- | Capacity |
| 15 | managementLANModule*CapacityVoltageSensor | 1.3.6.1.4.1.116.5.52.1.2.6.*.2.1 | RO | Integer32 | -- | Capacity: Number of voltage sensors |
| 16 | managementLANModule*CapacityLED | 1.3.6.1.4.1.116.5.52.1.2.6.*.2.2 | RO | Integer32 | -- | Capacity: number of LEDs |
| 17 | managementLANModule*State | 1.3.6.1.4.1.116.5.52.1.2.6.*.4 | NA | Not-Accessible | -- | Status |
| 18 | managementLANModule*StateSlotNum | 1.3.6.1.4.1.116.5.52.1.2.6.*.4.1 | RO | Integer32 | -- | Status: Installation destination slot number |
| 19 | managementLANModule*StatePower | 1.3.6.1.4.1.116.5.52.1.2.6.*.4.2 | RO | INTEGER | Poweroff(1)/ standby(2)/ PowerOn(3)/ unknown(4)/ Power-on-executing(5)/ Power-off-executing(6) | Status: Power supply status |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 20 | managementLANModule*StateHealth | 1.3.6.1.4.1.116.5.52.1.2.6.*.4.3 | RO | INTEGER | normal(1) / fail(2) / unknown(3) | Status: Operation status |
| 21 | managementLANModule*StateLEDTable | 1.3.6.1.4.1.116.5.52.1.2.6.*.4.5 | NA | Not-Accessible | -- | Status: LED lighting status table |
| 22 | managementLANModule*StateLEDEntry | 1.3.6.1.4.1.116.5.52.1.2.6.*.4.5.1 | NA | Not-Accessible | -- | Status: LED lighting status table: Entry |
| 23 | managementLANModule*StateLEDIndex | 1.3.6.1.4.1.116.5.52.1.2.6.*.4.5.1.1 | RO | Integer32 | -- | Status: LED lighting status table: Entry: Index |
| 24 | managementLANModule*StateLEDName | 1.3.6.1.4.1.116.5.52.1.2.6.*.4.5.1.2 | RO | DisplayString | -- | Status: LED lighting status table: Entry: Name |
| 25 | managementLANModule*StateLEDState | 1.3.6.1.4.1.116.5.52.1.2.6.*.4.5.1.3 | RO | INTEGER | turn-off(1)/ turn-on(2)/ unknown(3)/ blink(4)/ blink-fast(5)/ blink-slow(6) | Status: LED lighting status table: Entry: Status |
| 26 | managementLANModule*StateLEDColor | 1.3.6.1.4.1.116.5.52.1.2.6.*.4.5.1.4 | RO | INTEGER | blue (1)/ green (2)/ red (3)/ amber (4)/ unknown (5) | Status: LED lighting status table: Entry: Color |
| 27 | managementLANModule*VoltageSensorTable | 1.3.6.1.4.1.116.5.52.1.2.6.*.4.30 | NA | Not-Accessible | -- | Status: Voltage sensor table |
| 28 | managementLANModule*VoltageSensorEntry | 1.3.6.1.4.1.116.5.52.1.2.6.*.4.30.1 | NA | Not-Accessible | -- | Status: Voltage sensor table: Entry |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 29 | managementLANModule*VoltageSensorIndex | 1.3.6.1.4.1.116.5.52.1.2.6.*.4.30.1.1 | RO | Integer32 | -- | Status: Voltage sensor table: Entry: Index |
| 30 | managementLANModule*VoltageSensorName | 1.3.6.1.4.1.116.5.52.1.2.6.*.4.30.1.2 | RO | DisplayString | -- | Status: Voltage sensor table: Entry: Name |
| 31 | managementLANModule*VoltageSensorValue | 1.3.6.1.4.1.116.5.52.1.2.6.*.4.30.1.3 | RO | Integer32 | 0.1 V | Status: Voltage sensor table: Entry: Value |
| 32 | managementLANModule*VoltageSensorValid | 1.3.6.1.4.1.116.5.52.1.2.6.*.4.30.1.4 | RO | INTEGER | invalid (1)/ valid (2)/ unknown (3) | Status: Voltage sensor table: Entry: Valid or invalid |

**Table 3-16 Fan control module information (*: Fan control module number from 1 to 2)**

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 1 | fanControlModule | 1.3.6.1.4.1.116.5.52.1.2.7 | NA | Not-Accessible | -- | Fan control module information |
| 2 | fanControlModule* | 1.3.6.1.4.1.116.5.52.1.2.7.* | NA | Not-Accessible | -- | Fan control module information |
| 3 | fanControlModule*BasicInfo | 1.3.6.1.4.1.116.5.52.1.2.7.*.1 | NA | Not-Accessible | -- | Basic information |
| 4 | fanControlModule*InfoProductName | 1.3.6.1.4.1.116.5.52.1.2.7.*.1.1 | RO | DisplayString | -- | Basic information: Name |
| 5 | fanControlModule*InfoModel | 1.3.6.1.4.1.116.5.52.1.2.7.*.1.2 | RO | DisplayString | -- | Basic information: Model name |
| 6 | fanControlModule*InfoSerialNum | 1.3.6.1.4.1.116.5.52.1.2.7.*.1.3 | RO | DisplayString | -- | Basic information: Serial number |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 7 | fanControlModule*InfoProductVersion | 1.3.6.1.4.1.116.5.52.1.2.7.*.1.4 | RO | Display String | -- | Basic information: Product version |
| 8 | fanControlModule*InfoProductManufacturer | 1.3.6.1.4.1.116.5.52.1.2.7.*.1.5 | RO | Display String | -- | Basic information: Manufacturer information |
| 9 | fanControlModule*InfoBoardProductName | 1.3.6.1.4.1.116.5.52.1.2.7.*.1.6 | RO | Display String | -- | Basic information: Board name |
| 10 | fanControlModule*InfoBoardSerialNum | 1.3.6.1.4.1.116.5.52.1.2.7.*.1.7 | RO | Display String | -- | Basic information: Board's serial number |
| 11 | fanControlModule*InfoSpec | 1.3.6.1.4.1.116.5.52.1.2.7.*.1.20 | NA | Not-Accessible | -- | Basic information: Specifications |
| 12 | fanControlModule*SpecPowerConsumption | 1.3.6.1.4.1.116.5.52.1.2.7.*.1.20.1 | RO | Integer32 | W- | Basic information: Specifications: Electric power consumption |
| 13 | fanControlModule*SpecMass | 1.3.6.1.4.1.116.5.52.1.2.7.*.1.20.2 | RO | Integer32 | 0.1 kg | Basic information: Specifications: Mass |
| 14 | fanControlModule*Capacity | 1.3.6.1.4.1.116.5.52.1.2.7.*.2 | NA | Not-Accessible | -- | Capacity |
| 15 | fanControlModule*CapacityLED | 1.3.6.1.4.1.116.5.52.1.2.7.*.2.1 | RO | Integer32 | -- | Capacity: number of LEDs |
| 16 | fanControlModule*State | 1.3.6.1.4.1.116.5.52.1.2.7.*.4 | NA | Not-Accessible | -- | Status |
| 17 | fanControlModule*StateSlotNum | 1.3.6.1.4.1.116.5.52.1.2.7.*.4.1 | RO | Integer32 | -- | Status: Installation destination slot number |
| 18 | fanControlModule*StatePower | 1.3.6.1.4.1.116.5.52.1.2.7.*.4.2 | RO | INTEGER | Poweroff(1)/ standby(2)/ | Status: Power supply status |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| | | | | | PowerOn(3)/ unknown(4)/ Power-on-executing(5)/ Power-off-executing(6) | |
| 19 | fanControlModule*StateHealth | 1.3.6.1.4.1.116.5.52.1.2.7.*.4.3 | RO | INTEGER | normal(1)/ fail(2) / unknown(3) | Status: Operation status |
| 20 | fanControlModule*StateLEDTable | 1.3.6.1.4.1.116.5.52.1.2.7.*.4.5 | NA | Not-Accessible | -- | Status: LED lighting status table |
| 21 | fanControlModule*StateLEDEntry | 1.3.6.1.4.1.116.5.52.1.2.7.*.4.5.1 | NA | Not-Accessible | -- | Status: LED lighting status table: Entry |
| 22 | fanControlModule*StateLEDIndex | 1.3.6.1.4.1.116.5.52.1.2.7.*.4.5.1.1 | RO | Integer32 | -- | Status: LED lighting status table: Entry: Index |
| 23 | fanControlModule*StateLEDName | 1.3.6.1.4.1.116.5.52.1.2.7.*.4.5.1.2 | RO | DisplayString | -- | Status: LED lighting status table: Entry: Name |
| 24 | fanControlModule*StateLEDState | 1.3.6.1.4.1.116.5.52.1.2.7.*.4.5.1.3 | RO | INTEGER | turn-off(1)/ turn-on(2)/ unknown(3)/ blink(4)/ blink-fast(5)/ blink-slow(6) | Status: LED lighting status table: Entry: Status |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 25 | fanControlModule*StateLEDColor | 1.3.6.1.4.1.116.5.52.1.2.7.*.4.5.1.4 | RO | INTEGER | blue (1)/ green (2)/ red (3)/ amber (4)/ unknown (5) | Status: LED lighting status table: Entry: Color |

**Table 3-17 Partition information (*: A partition number from 1 to 15)**

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 1 | partition | 1.3.6.1.4.1.116.5.52.1.3 | NA | Not-Accessible | -- | Partition information |
| 2 | partition * | 1.3.6.1.4.1.116.5.52.1.3.* | NA | Not-Accessible | -- | Partition information |
| 3 | partition * BasicInfo | 1.3.6.1.4.1.116.5.52.1.3.*.1 | NA | Not-Accessible | -- | Basic information |
| 4 | partition * Valid | 1.3.6.1.4.1.116.5.52.1.3.*.1.1 | RO | INTEGER | invalid(1) / valid(2)/ unknown(3) | Basic information: Valid or invalid |
| 5 | partition * MaxCurrent | 1.3.6.1.4.1.116.5.52.1.3.*.1.2 | RO | Integer32 | 0.1 A | Basic information: Maximum electric current |
| 6 | partition * MaxPower | 1.3.6.1.4.1.116.5.52.1.3.*.1.3 | RO | Integer32 | W | Basic information: Maximum electric power |
| 7 | partition * ProcCoreCount | 1.3.6.1.4.1.116.5.52.1.3.*.1.4 | RO | Integer32 | -- | Basic information: Total number of CPU cores |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 8 | partition * DIMM Capacity | 1.3.6.1.4.1.116 .5.52.1.3.*.1.5 | RO | Integer32 | GB | Basic information: Total capacity of DIMMs (memory amount recognized by the OS) |
| 9 | partition * HVMLicence Model | 1.3.6.1.4.1.116 .5.52.1.3.*.1.6 | RO | Display String | -- | Basic information: LPAR Manager license information (model) |
| 10 | partition * HVMLicence Available Version | 1.3.6.1.4.1.116 .5.52.1.3.*.1.7 | RO | Display String | -- | Basic information: LPAR Manager license information (valid version) |
| 11 | partition * BladeConfig | 1.3.6.1.4.1.116 .5.52.1.3.*. 1.20 | NA | Not-Accessible | -- | Basic information: Server blade-specific information |
| 12 | partition * BladePrimary SlotNum | 1.3.6.1.4.1.116 .5.52.1.3.*. 1.20.1 | RO | Integer32 | -- | Basic information: Server blade-specific information: Slot number of the primary server blade |
| 13 | partition * BladeCount | 1.3.6.1.4.1.116 .5.52.1.3.*. 1.20.2 | RO | Integer32 | -- | Basic information: Server blade-specific information: Number of server blades in the configuration |
| 14 | partition * BladeTable | 1.3.6.1.4.1.116 .5.52.1.3.*. 1.20.3 | NA | Not-Accessible | -- | Basic information: Server blade-specific information: Server blade |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| | | | | | | information table |
| 15 | partition * BladeEntry | 1.3.6.1.4.1.116 .5.52.1.3.*. 1.20.3.1 | NA | Not-Accessible | -- | Basic information: Server blade-specific information: Server blade information table: Entry |
| 16 | partition * BladeIndex | 1.3.6.1.4.1.116 .5.52.1.3.*. 1.20.3.1.1 | RO | Integer32 | -- | Basic information: Server blade-specific information: Server blade information table: Entry: Index |
| 17 | partition * Blade SlotNum | 1.3.6.1.4.1.116 .5.52.1.3.*. 1.20.3.1.2 | RO | Integer32 | -- | Basic information: Server blade-specific information: Server blade information table: Entry: Slot number |
| 18 | partition * Blade ObjectID | 1.3.6.1.4.1.116 .5.52.1.3.*. 1.20.3.1.3 | RO | OBJECT IDENTIFIER | -- | Basic information: Server blade-specific information: Server blade information table: Entry: Server blade OID |
| 19 | partition * Settings | 1.3.6.1.4.1.116 .5.52.1.3.*.3 | NA | Not-Accessible | -- | Settings |
| 20 | partition * Settings SystemMode | 1.3.6.1.4.1.116 .5.52.1.3.*.3.1 | RO | INTEGER | basic(1)/ hvm(2)/ unknown(3) | Settings: Operation mode |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 21 | partition * Settings DIMM Redundancy[1] | 1.3.6.1.4.1.116.5.52.1.3.*.3.2 | RO | INTEGER | redundancy(1)/ non-redundancy(2)/ unknown(3) | Settings: DIMM redundant attribute |
| 22 | partition * Settings PreConfig | 1.3.6.1.4.1.116.5.52.1.3.*.3.3 | RO | INTEGER | enable(1)/ disable(2)/ unknown(3) | Settings: Availability of the Pre-configure functionality |
| 23 | partition * State | 1.3.6.1.4.1.116.5.52.1.3.*.4 | NA | Not-Accessible | -- | Status |
| 24 | partition * StatePower | 1.3.6.1.4.1.116.5.52.1.3.*.4.1 | RO | INTEGER | poweroff(1)/ standby(2)/ poweron(3)/ unknown(4)/ poweron-executing(5)/ poweroff-executing(6) | Status: Power supply status |
| 25 | partition * StateHealth | 1.3.6.1.4.1.116.5.52.1.3.*.4.2 | RO | INTEGER | normal(1)/ fail(2)/ unknown(3) | Status: Operation status |
| 26 | partition * State SystemMode | 1.3.6.1.4.1.116.5.52.1.3.*.4.3 | RO | INTEGER | basic(1)/ hvm(2)/ unknown(3) | Status: Operation mode |
| 27 | partition * State Consumption Current | 1.3.6.1.4.1.116.5.52.1.3.*.4.4 | RO | Integer32 | 0.1 A | Status: Electric current consumption |

| No. | Object identifier | OID | Attribute | syntax | Value, unit, value range, etc. | Description |
|---|---|---|---|---|---|---|
| 28 | partition * StatePower Consumption | 1.3.6.1.4.1.116 .5.52.1.3.*.4.5 | RO | Integer32 | W | Status: Electric power consumption |
| 29 | partition * State PreConfig | 1.3.6.1.4.1.116 .5.52.1.3.*.4.6 | RO | INTEGER | not-get(1)/ not-set(2)/ getting(3)/ valid(4) | Status: Execution status of the Pre-configure function |
| Note:<br>1. This item is defined as a MIB file, but this item cannot be obtained in this system. (If you use snmpwalk to obtain the items, the processing automatically skips to the next item.) | | | | | | |

# Glossary

This section explains the terminology you need to know when using the CB2500.

## A

**active blade**
When using the N+M cold standby function, the active blade is the server blade that is actively running your applications.

**APC (Accurate Power Control)**
A function that uses power capping to limit the power consumption of the system unit. The APC function reduces power consumption by controlling the CPU clock rate of the system unit when power consumption exceeds a predetermined level.

**ARP**
Address Resolution Protocol

## B

**BMC**
Baseboard Management Controller
A controller that monitors and controls the status of server blades. The BMC monitors and controls server blades by connecting to the system console and the management module.

## C

**CAS**
Column Address Strobe

| # | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |

**CPU**
Central Processing Unit

# D

**Deployment Manager**
Software provided as part of Hitachi Compute System Manager. Deployment Manager is a function that allows you to back up and restore the disk data of a server blade as an image file. You can also use a backed up image file to replicate the environment of a managed resource on another managed resource.

**DIMM**
Dual Inline Memory Module

# H

**HDD**
Hard Disk Drive

# I

**ICMP**
Internet Control Message Protocol

**IP**
Internet Protocol

# L

**LAN**
Local Area Network

**LED**
Light Emitting Diode

**LID (Location IDentifier lamp)**
An LED lamp that you can use to identify the location of server chassis and modules. By controlling the LIDs of a server blade or server chassis remotely from the system console or Hitachi Compute Systems Manager, you can easily identify a managed resource in the system unit.

**logical partitioning**
A function that uses Hitachi's server logical partitioning framework to logically partition a blade server composed of one or several server blades. Each logical partition can then be used to create a discrete server environment.

**LPAR (Logical PARtition)**
When using logical partitioning, an LPAR is the term for each logical partition that can accommodate a discrete server environment.

**LPAR Manager (Logical PARtitioning Manager)**
A function of logical partitioning. A component that manages LPARs on a blade server.

# M

**MAC**
Media Access Control

**management module**
A module that monitors and configures the system unit as a whole. The management module allows you to centrally manage the server blades and modules in the system unit.

**memory dump**
A file containing the memory contents of a server at a particular time. When a failure occurs in the OS, you can use a memory dump to diagnose the nature of the failure.

# N

**N+M cold standby**
When a failure occurs in a server, the N+M cold standby function allows the server to failover to a machine that is in standby with power off. When a failure occurs in an active server blade, failover to the standby blade takes place automatically. The server that is actively running applications is called the "active blade". The server blade that is in standby is called the "standby blade".

**NMI (Non-Maskable Interrupt)**
A hardware interrupt issued to the CPU from an external device. An NMI can be used, for example, to collect OS dump files.

# O

**OID**
Object IDentifier

# P

**PCI**
Peripheral Component Interconnect

# R

**remote console**
Software provided with the CB2500. You can use the remote console to remotely control the server OS and LPARs on a server blade.

# S

**server chassis**
A frame in which server blades and modules are mounted.

**SNMP**
Simple Network Management Protocol

**standby blade**
When using the N+M cold standby function, the standby blade remains in standby with its power off until a failover occurs from a failed active blade.

**system console**
A computer from which a user monitors and configures the CB2500 system unit.

**switch module**
A module that connects the system unit to LANs, SANs, and other networks.

# T

**TCP**
Transmission Control Protocol

**terminal software**
Software that allows a user to operate a remote host computer from a terminal computer. The CB2500 remote console can be operated using generic terminal software.

# U

**UDP**
User Datagram Protocol

# V

**virtual media**
An image file that contains the data recorded on media such as a CD or DVD. By converting the installation media for the OS and other software to virtual media, you can make the software available for installation on a server blade.

# W

**Web console**
A console that runs in a Web browser. You can use the Web console to view hardware information for a server chassis or server blade, or to control the hardware remotely.

# Index

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