

Dell OpenManage Client
Instrumentation Version 8.1
SNMP Reference Guide



Notes and Cautions



NOTE: A NOTE indicates important information that helps you make better use of your computer.



CAUTION: A CAUTION indicates potential damage to hardware or loss of data if instructions are not followed.

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Introduction

This reference guide provides information about the Simple Network Management Protocol (SNMP) Management Information Base (MIB) which is applicable to Dell OpenManage Client Instrumentation (Client Instrumentation).

Introduction to the SNMP Reference Guide

This reference guide provides a formatted version of the following MIB that are released with the current version of Client Instrumentation.

Sections in this guide follow MIB groups and provide explanations and definitions for the terms used to define MIB objects. Content in this reference guide is organized as documented in the following subsections.

Table 1-1 describes the sections that provide general information about the MIBs documented in this guide.

Table 1-1. General Content Sections in This Guide


Section	Topics	MIB Group Number
1	Introduction to SNMP basics and the MIBs that support Client Instrumentation services	NA
11	Traps — Describes in-band traps defined in the Client Instrumentation MIB.	1254

Client Instrumentation Management Instrumentation Base

The Client Instrumentation MIB (`I0892.mib`) provides instrumentation data that allows you to monitor the health of a system with SNMP management applications. It provides:

- Information about the status of temperatures, voltages, and memory at key points in the system.
- Rapid access to detailed fault and performance information gathered by industry standard systems management agents.
- Version information for BIOS, firmware, and operating system.

In addition, traps are sent to report a change in status of the health of critical components.

 **NOTE:** Other alerts are also available in the MIB but, most of them do not generate events as they are not supported in the current Dell hardware and BIOS.

The Client Instrumentation MIB structures its MIB objects into groups of scalar objects or MIB tables that provide related information. Table 1-2 describes each Client Instrumentation MIB group and lists the MIB group number assigned to the MIB group. The Client Instrumentation MIB groups are identified by the SNMP OID *1.3.6.1.4.1.674.10892.1.<MIB group number>*, where *<MIB group number>* is the number assigned to the MIB group.


 **NOTE:** As Client Instrumentation uses an OID that is used as a Dell server, OID consoles may identify systems as servers instead of workstations, notebooks, or desktops.

Table 1-2. Client Instrumentation MIB Sections in This Guide

Section	Topics	MIB Group Numbers
2	Instrumentation MIB Version Group — Defines version numbers of the Instrumentation MIB.	1
3	Systems Management Software Group — Defines information about the systems management software and the supported systems management standards.	100
4	System State Group — Defines status, state, and redundancy for a system and its components.	200
5	Chassis Information Group — Defines chassis types, events, indicators, and basic input/output of a system.	300
6	Operating System Group — Defines variables for name, version, service pack, and other information about a system's operating system.	400
7	Remote Flash BIOS Group — Defines variables for updating the system's BIOS remotely.	900
8	Port Group — Defines variables for major port types such as keyboard, monitor, Universal Serial Bus (USB), and parallel and serial ports.	1000

Table 1-2. Client Instrumentation MIB Sections in This Guide

Section	Topics	MIB Group Numbers
9	Device Group — Defines variables for pointing, keyboard, processor, cache, memory, and personal computer interface devices.	1100
10	Slot Group — Defines variables for voltages, capabilities, states, and settings that are possible for slots.	1200



NOTE: You cannot perform write and set operations on MIB group variables.

SNMP Basic Terminology

It is important to have a good understanding of the key technical terms used in this guide. This guide provides definitions for all essential terms used in describing the Client Instrumentation MIBs. For definitions on all essential terms and acronyms, see the *Glossary* at support.dell.com/manuals.

Tables

This reference guide contains two types of tables:

- Tables that are used to organize and define variable values
- Tables that define MIB objects

Supported SNMP Versions

Windows — SNMP v1 and v2c

Other Documents You May Need

In addition to this guide, you can access the following documents at support.dell.com/manuals. On the **Manuals** page, click **Software**→ **Systems Management**. Click the appropriate product link on the right-side to access the documents.

Instrumentation MIB Version Group

The Instrumentation Management Information Base (MIB) Version Group defines the attributes that identify the version of the Instrumentation MIB supported by the systems management software.

The `mIBMajorVersionNumber`, `mIBMinorVersionNumber`, and `mIBMaintenanceVersionNumber` attributes are scalar objects, that are not related to other MIB objects and are not placed in a table.

Name	<code>mIBVersionGroup</code>
Object ID	<code>.1.3.6.1.4.1.674.10892.1.1</code>

Management Information Base Major Version Number

Name	<code>mIBMajorVersionNumber</code>
Object ID	<code>.1.3.6.1.4.1.674.10892.1.1.1.0</code>
Description	This attribute defines the major version number of the MIB supported by the systems management software. For example, if the MIB version is 1.2.3, the major version number is 1. A major version number change indicates a major change in object functionality.
Syntax	<code>DellUnsigned8BITRange</code>
Access	Read only

Management Information Base Minor Version Number

Name	<code>mIBMinorVersionNumber</code>
-------------	------------------------------------

Object ID	.1.3.6.1.4.1.674.10892.1.1.2
Description	<p>This attribute defines the minor version number of the MIB supported by the systems management software. For example, if the MIB version is 1.2.3, the minor version number is 2.</p> <p>A minor revision provides additional support for new objects as well as problem fixes.</p>
Syntax	DellUnsigned8BITRange
Access	Read only

Management Information Base Maintenance Version Number

Name	mIBMaintenanceVersionNumber
Object ID	.1.3.6.1.4.1.674.10892.1.1.3
Description	<p>This attribute defines the maintenance version number for the version of the MIB supported by the systems management software. For example, if the MIB version is 1.2.3, the maintenance version number is 3.</p>
Syntax	DellUnsigned8BitRange
Access	Read only

Systems Management Software Group

The Systems Management Software Group allows users to see information about the standards and software that are supported by the agent of a particular managed computer. The Systems Management Software Group classifies each computer according to the systems management standard that the agent supports.

Name	systemManagementSoftwareGroup
Object ID	.1.3.6.1.4.1.674.10892.1.100

Systems Management Software

The following objects describe the fields for client systems. The systems management software variables are scalar objects, that are not related to other Management Information Base (MIB) objects and are not placed in a table.

Systems Management Software Name

Name	systemManagementSoftwareName
Object ID	.1.3.6.1.4.1.674.10892.1.100.1
Description	This attribute defines the product name of the systems management software.
Syntax	DllString
Access	Read only

Systems Management Software Version Number Name

Name	systemManagementSoftwareVersionNumberName
-------------	---

Object ID	.1.3.6.1.4.1.674.10892.1.100.2
Description	This attribute defines the version number of the instrumentation component of the systems management software.
Syntax	DellString
Access	Read only

System Management Software Build Number

Name	systemManagementSoftwareBuildNumber
Object ID	.1.3.6.1.4.1.674.10892.1.100.3
Description	This attribute defines the build number of the instrumentation component of the systems management software.
Syntax	DellUnsigned16BitRange
Access	Read only

Systems Management Software Description Name

Name	systemManagementSoftwareDescriptionName
Object ID	.1.3.6.1.4.1.674.10892.1.100.4
Description	This attribute defines the description of the systems management software.
Syntax	DellString
Access	Read only

Systems Management Software Supported Protocol

Name	systemManagementSoftwareSupportedProtocol
Object ID	.1.3.6.1.4.1.674.10892.1.100.5
Description	This attribute defines the protocols supported by the instrumentation component of the systems management software.

Syntax	INTEGER { supportsSNMP (1) , supportsDMI (2) , supportsSNMPandDMI (3) , supportsCIMOM (4) , supportsSNMPandCIMOM (5) , supportsSNMPandDMIandCIMOM (7) }
Access	Read only

Systems Management Software Preferred Protocol

Name	systemManagementSoftwarePreferredProtocol
Object ID	.1.3.6.1.4.1.674.10892.1.100.6
Description	This attribute defines the protocol preferred by the instrumentation component of the systems management software.
Syntax	INTEGER { supportsSNMP (1) , supportsDMI (2) , supportsSNMPandDMI (3) , supportsCIMOM (4) , supportsSNMPandCIMOM (5) , supportsSNMPandDMIandCIMOM (7) }
Access	Read only

Systems Management Software SNMP Agent Feature Flags

Name	systemManagementSoftwareSNMPAgentFeatureFlags
Object ID	.1.3.6.1.4.1.674.10892.1.100.12
Description	This attribute defines the features of the SNMP agent software provided by the operating system. If the value is zero, none of the features are enabled. This attribute is a bit field, so the value returned may be a combination of the bit masks defined in SMSSNMPAgentFeatureFlags.

Syntax	INTEGER {supportsSparseTables(1) }
Access	Read only

Systems Management Software Manufacturer Name

Name	systemManagementSoftwareManufacturerName
Object ID	.1.3.6.1.4.1.674.10892.1.100.13
Description	This attribute defines the manufacturer of the systems management software.
Syntax	DellString
Access	Read only

System State Group

The Management Information Base (MIB) variables presented in this section enable you to track various attributes that describe the state of the critical components supported by your system. Components monitored under the System State Group include power supplies, AC power cords, AC power switches, cooling devices, temperature, fan, amperage, and voltage probes.

Name	systemStateGroup
Object ID	.1.3.6.1.4.1.674.10892.1.200

The `systemStateGlobalSystemStatus` variable provides overall system health status and includes rolled-up (that is, critical) status for Instrumentation and Storage. This variable monitors the overall system health status. It reflects changes to `systemStateChassisStatus` variable, which represents Instrumentation health status.

The `systemStateChassisStatus` variable provides the rolled-up health status for the subsystems associated with the chassis that is represented by the row in the `systemStateTable`. Changes to the variables in [List 1](#), each of which indicates the rolled-up health status of all the components of the corresponding subsystem, are reflected in `systemStateChassisStatus` variable.

For example, `systemStatePowerSupplyStatusCombined` provides the rolled-up status of all power supplies for the chassis.

The variables in [List 2](#) provide the health status of each component of the corresponding subsystem. Each octet of the value represents a component. If a power supply fails, the corresponding entry in `systemStatePowerSupplyStatusDetails`, `systemStatePowerSupplyStatusCombined`, `systemStateChassisStatus`, and `systemStateGlobalSystemStatus` transitions to critical.

List 1

Variables that provide rolled-up health status for all components in associated subsystem in chassis:

- systemStateVoltageStatusCombined
- systemStateCoolingDeviceStatusCombined
- systemStateTemperatureStatusCombined
- systemStateMemoryDeviceStatusCombined
- systemStateChassisIntrusionStatusCombined

List 2

Variables that provide health status of each component in associated subsystem in chassis:

- systemStateVoltageStatusDetails
- systemStateCoolingDeviceStatusDetails
- systemStateTemperatureStatusDetails
- systemStateMemoryDeviceStatusDetails
- systemStateChassisIntrusionStatusDetails

System State Table

Name	systemStateTable
Object ID	.1.3.6.1.4.1.674.10892.1.200.10
Description	This object defines the System State Table.
Syntax	SEQUENCE OF SystemStateTableEntry
Access	Not accessible

System State Table Entry

Name	systemStateTableEntry
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1
Description	This object defines the System State Table Entry.
Syntax	SystemStateTableEntry
Access	Not accessible

System State Chassis Index

Name	systemStatechassisIndex
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1.1
Description	This attribute defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read only

System State Global System Status

Name	systemStateGlobalSystemStatus
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1.2
Description	This attribute defines the global system status of all chassis being monitored by the systems management software.
Syntax	INTEGER {other (1), unknown (2), ok (3), nonCritical (4), critical (5), nonRecoverable (6) }
Access	Read only

System State Chassis State

Name	systemStateChassisState
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1.3
Description	This attribute defines the state settings of the chassis.
Syntax	INTEGER {unknown (1), enabled (2), notReady (4), enabledAndNotReady (6) }

Access	Read only
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System State Chassis Status

Name	systemStateChassisStatus
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1.4
Description	This attribute defines the status of the chassis.
Syntax	INTEGER {other (1), unknown (2), ok (3), nonCritical (4), critical (5), nonRecoverable (6) }
Access	Read only

System State Voltage State Details

Name	systemStateVoltageStateDetails
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1.11
Description	This attribute lists the state settings of each voltage probe of the chassis. The results are returned as a binary octet string where each byte of the octet string represents the state settings of a voltage probe. The first byte returned represents the state settings of the first voltage probe, and so on. The bytes have the same definition type as DellStateSettings.
Syntax	OCTET STRING (SIZE(1..128))
Access	Read only

System State Voltage Status Combined

Name	systemStateVoltageStatusCombined
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1.12

Description	This attribute defines the combined status of all voltage probes of this chassis.
Syntax	<pre> INTEGER {other (1) , unknown (2) , ok (3) , nonCritical (4) , critical (5) , nonRecoverable (6) } </pre>
Access	Read only

System State Voltage Status Details

Name	systemStateVoltageStatusDetails
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1.13
Description	<p>This attribute lists the status of each voltage probe of the chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a voltage probe.</p> <p>The first byte returned represents the status of the first voltage probe, and so on. The bytes have the same definition type as DellStatus.</p>
Syntax	OCTET STRING (SIZE(1..128))
Access	Read only

System State Cooling Device State Details

Name	systemStateCoolingDeviceStateDetails
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1.20
Description	<p>This attribute lists the state settings of each cooling device of the chassis. The results are returned as a binary octet string where each byte of the octet string represents the state settings of a cooling device. The first byte returned represents the state settings of the first cooling device, and so on. The bytes have the same definition type as DellStateSettings.</p>

Syntax	OCTET STRING (SIZE (1..128))
Access	Read only

System State Cooling Device Status Combined

Name	systemStateCoolingDeviceStatusCombined
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1.21
Description	This attribute defines the combined status of all cooling devices of this chassis.
Syntax	INTEGER {other (1), unknown (2), ok (3), nonCritical (4), critical (5), nonRecoverable (6) }
Access	Read only

System State Cooling Device Status Details

Name	systemStateCoolingDeviceStatusDetails
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1.22
Description	This attribute lists the status of each cooling device of the chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a cooling device. The first byte returned represents the status of the first cooling device, and so on. The bytes have the same definition type as DellStatus.
Syntax	OCTET STRING (SIZE (1..128))
Access	Read only

System State Temperature State Details

Name	systemStateTemperatureStateDetails
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1.23
Description	This attribute lists the state settings of each temperature probe of the chassis. The results are returned as a binary octet string where each byte of the octet string represents the state settings of a temperature probe. The first byte returned represents the state settings of the first temperature probe, and so on. The bytes have the same definition type as DellStateSettings.
Syntax	OCTET STRING (SIZE(1..128))
Access	Read only

System State Temperature Status Combined

Name	systemStateTemperatureStatusCombined
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1.24
Description	This attribute defines the combined status of all temperature probes of this chassis.
Syntax	INTEGER {other (1), unknown (2), ok (3), nonCritical (4), critical (5), nonRecoverable (6) }
Access	Read only

System State Temperature Status Details

Name	systemStateTemperatureStatusDetails
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1.25

Description	<p>This attribute lists the status of each temperature probe of the chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a temperature probe.</p> <p>The first byte returned represents the status of the first temperature probe, and so on. The bytes have the same definition type as DellStatus.</p>
Syntax	OCTET STRING (SIZE(1..128))
Access	Read only

System State Memory Device State Details

Name	systemStateMemoryDeviceStateDetails
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1.26
Description	<p>This attribute lists the state settings of each memory device of the chassis. The results are returned as a binary octet string where each byte of the octet string represents the state settings of a memory device. The first byte returned represents the state settings of the first memory device, and so on. The bytes have the same definition type as DellStateSettings.</p>
Syntax	OCTET STRING (SIZE(1..128))
Access	Read only

System State Memory Device Status Combined

Name	systemStateMemoryDeviceStatusCombined
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1.27
Description	<p>This attribute defines the combined status of all memory devices of this chassis.</p>

Syntax	INTEGER {other (1), unknown (2), ok (3), nonCritical (4), critical (5), nonRecoverable (6) }
Access	Read only

System State Memory Device Status Details

Name	systemStateMemoryDeviceStatusDetails
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1.28
Description	This attribute lists the status of each memory device of the chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a memory device. The first byte returned represents the status of the first memory device, and so on. The bytes have the same definition type as DellStatus.
Syntax	OCTET STRING (SIZE(1..128))
Access	Read only

System State Chassis Intrusion State Details

Name	systemStateChassisIntrusionStateDetails
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1.29
Description	This attribute lists the state settings of each intrusion detection device of the chassis. The results are returned as a binary octet string where each byte of the octet string represents the state settings of an intrusion detection device. The first byte returned represents the state settings of the first intrusion detection device, and so on. The bytes have the same definition type as DellStateSettings.
Syntax	OCTET STRING (SIZE(1..128))

Access	Read only
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System State Chassis Intrusion Status Combined

Name	systemStateChassisIntrusionStatusCombined
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1.30
Description	This attribute defines the combined status of all intrusion detection devices of this chassis.
Syntax	INTEGER {other (1), unknown (2), ok (3), nonCritical (4), critical (5), nonRecoverable (6) }
Access	Read only

System State Chassis Intrusion Status Details

Name	systemStateChassisIntrusionStatusDetails
Object ID	.1.3.6.1.4.1.674.10892.1.200.10.1.31
Description	This attribute lists the status of each intrusion detection device of the chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of an intrusion detection device. The first byte returned represents the status of the first intrusion detection device, and so on. The bytes have the same definition type as DellStatus.
Syntax	OCTET STRING (SIZE (1..128))
Access	Read only

Chassis Information Group

The Chassis Information Group provides information about the type or types of chassis, and the settings for devices on each chassis. Information is also available about the current date and time displayed on the chassis, intrusion warnings, systems management basic input/output system (SMBIOS), and so on.

Name	chassisInformationGroup
Object ID	.1.3.6.1.4.1.674.10892.1.300

Chassis Information Group

The following management information base (MIB) tables define the objects in the Chassis Information Group:

- [Chassis Information Table](#)
- [System BIOS Table](#)

Chassis Information Table

The following objects set up the Chassis Information Table.

Name	chassisInformationTable
Object ID	.1.3.6.1.4.1.674.10892.1.300.10
Description	This object defines the Chassis Information Table.
Syntax	SEQUENCE OF ChassisInformationTableEntry
Access	Not accessible

Chassis Information Table Entry

Name	chassisInformationTableEntry
Object ID	.1.3.6.1.4.1.674.10892.1.300.10.1
Description	This object defines the Chassis Information Table Entry.
Syntax	ChassisInformationTableEntry
Access	Not accessible

Chassis Index Chassis Information

Name	chassisIndexChassisInformation
Object ID	.1.3.6.1.4.1.674.10892.1.300.10.1.1
Description	This attribute defines the index (one-based) of the chassis.
Syntax	DellObjectRange
Access	Read only

Chassis Status

Name	chassisStatus
Object ID	.1.3.6.1.4.1.674.10892.1.300.10.1.4
Description	This attribute defines the status of the chassis.
Syntax	INTEGER {other (1), unknown (2), ok (3), nonCritical (4), critical (5), nonRecoverable (6) }
Access	Read only

Chassis Type

Name	chassisType
Object ID	.1.3.6.1.4.1.674.10892.1.300.10.1.6
Description	This attribute defines the chassis type of the chassis.
Syntax	<pre>INTEGER {other (1), unknown (2), desktop (3), lowProfileDesktop (4), pizzaBox (5), miniTower (6), tower (7), portable (8), lapTop (9), noteBook (10), handHeld (11), dockingStation (12), allInOne (13), subNoteBook (14), spaceSaving (15), lunchBox (16), mainSystemChassis (17), expansionChassis (18), subChassis (19), busExpansionChassis (20), peripheralChassis (21), raidChassis (22), rackMountChassis (23), sealedCasePC (24), multiSystemChassis (25) }</pre>
Access	Read only

Chassis Name

Name	chassisName
Object ID	.1.3.6.1.4.1.674.10892.1.300.10.1.7

Name	chassisName
Description	This attribute defines the user-assigned name of the chassis.
Syntax	DellString
Access	read/write

Chassis Manufacturer Name

Name	chassisManufacturerName
Object ID	.1.3.6.1.4.1.674.10892.1.300.10.1.8
Description	This attribute defines the name of the manufacturer of the chassis.
Syntax	DellString
Access	Read only

Chassis Asset Tag Name

Name	chassisAssetTagName
Object ID	.1.3.6.1.4.1.674.10892.1.300.10.1.10
Description	This attribute defines the asset tag name of the chassis.
Syntax	DisplayString (SIZE (0..10))
Access	read/write

Chassis Service Tag Name

Name	chassisServiceTagName
Object ID	.1.3.6.1.4.1.674.10892.1.300.10.1.11
Description	This attribute defines the service tag name of the chassis.
Syntax	DisplayString (SIZE (0..7))
Access	Read only

Chassis ID

Name	chassisID
Object ID	.1.3.6.1.4.1.674.10892.1.300.10.1.12
Description	This attribute defines the system ID. If the value is 254 (0xFE), the attribute chassisIDExtension provides the system ID.
Syntax	DellUnsigned8BitRange
Access	Read only

Chassis ID Extension

Name	chassisIDExtension
Object ID	.1.3.6.1.4.1.674.10892.1.300.10.1.13
Description	This attribute defines the system ID extension.
Syntax	DellUnsigned16BitRange
Access	Read only

Chassis System Class

Name	chassisSystemClass
Object ID	.1.3.6.1.4.1.674.10892.1.300.10.1.14
Description	This attribute defines the system class.

Name	chassisSystemClass
Syntax	INTEGER {other (1) , unknown (2) , workstationClass (3) , serverClass (4) , desktopClass (5) , portableClass (6) , netPCClass (7) , storageClass (8) }
Access	Read only

Chassis System Name

Name	chassisSystemName
Object ID	.1.3.6.1.4.1.674.10892.1.300.10.1.15
Description	This attribute defines the host name of the system.
Syntax	DellString
Access	Read only

Chassis System Boot Date Name

Name	chassisSystemBootDateName
Object ID	.1.3.6.1.4.1.674.10892.1.300.10.1.16

Name	chassisSystemBootDateName
Description	<p>This attribute defines boot time of the system.</p> <p>Dates are defined in the ASCII format:</p> <p>yyyyMMddhhmmss.uuuuuu+fff or yyyyMMddhhmmss.uuuuuu-fff</p> <p>where,</p> <p>yyyy is the year MM is the month dd is the day hh are the hours mm are the minutes ss are the seconds uuuuuu is the number of microseconds +fff or -fff is the offset from UTC in minutes</p>
Syntax	Del1DateName
Access	Read only

Chassis System Date Name

Name	chassisSystemDateName
Object ID	.1.3.6.1.4.1.674.10892.1.300.10.1.17

Name	chassisSystemDateName
Description	This attribute defines the current time of the system. Dates are defined in the ASCII format: yyyyMMddhhmmss.uuuuuu+fff or yyyyMMddhhmmss.uuuuuu-fff where, yyyy is the year MM is the month dd is the day hh are the hours, mm are the minutes ss are the seconds uuuuuu is the number of microseconds +fff or -fff is the offset from UTC in minutes
Syntax	DellDateName
Access	Read only

System BIOS Table

This table lists objects that define the system's basic input/output system (BIOS).

Name	systemBIOSTable
Object ID	.1.3.6.1.4.1.674.10892.1.300.50
Description	This object defines the System BIOS Table.
Syntax	SEQUENCE OF SystemBIOSTableEntry
Access	Not accessible

System BIOS Table Entry

Name	systemBIOSTableEntry
Object ID	.1.3.6.1.4.1.674.10892.1.300.50.1
Description	This object defines the System BIOS Table Entry.
Syntax	SystemBIOSTableEntry

Name	systemBIOSTableEntry
Access	Not accessible

System BIOS Chassis Index

Name	systemBIOSChassisIndex
Object ID	.1.3.6.1.4.1.674.10892.1.300.50.1.1
Description	This attribute defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read only

System BIOS Index

Name	systemBIOSIndex
Object ID	.1.3.6.1.4.1.674.10892.1.300.50.1.2
Description	This attribute defines the index (one-based) of the system BIOS.
Syntax	DellObjectRange
Access	Read only

System BIOS State Capabilities

Name	systemBIOSStateCapabilities
Object ID	.1.3.6.1.4.1.674.10892.1.300.50.1.3
Description	his attribute defines the state capabilities of the system BIOS.
Syntax	INTEGER {unknownCapabilities(1), enableCapable(2), notReadyCapable(4), enableAndNotReadyCapable(6) }

Name	systemBIOSStateCapabilities
Access	Read only

System BIOS Status

Name	systemBIOSStatus
Object ID	.1.3.6.1.4.1.674.10892.1.300.50.1.5
Description	This attribute defines the status of the system BIOS.
Syntax	INTEGER {other (1), unknown (2), ok (3), nonCritical (4), critical (5), nonRecoverable (6) }
Access	Read only

System BIOS Size

Name	systemBIOSSize
Object ID	.1.3.6.1.4.1.674.10892.1.300.50.1.6
Description	This attribute defines the image size of the system BIOS in KB. Zero indicates size is unknown.
Syntax	DellUnsigned32BitRange
Access	Read only

System BIOS Release Date Name

Name	systemBIOSReleaseDateName
Object ID	.1.3.6.1.4.1.674.10892.1.300.50.1.7
Description	This attribute defines the release date name of the system BIOS.
Syntax	DellDateName

Name	systemBIOSReleaseDateName
Access	Read only

System BIOS Version Name

Name	systemBIOSVersionName
Object ID	.1.3.6.1.4.1.674.10892.1.300.50.1.8
Description	This attribute defines the version name of the system BIOS.
Syntax	DellString
Access	Read only

System BIOS Starting Address

Name	systemBIOSStartingAddress
Object ID	.1.3.6.1.4.1.674.10892.1.300.50.1.9
Description	This attribute defines the starting address of the system BIOS. Zero indicates the starting address is unknown.
Syntax	DellUnsigned64BitRange
Access	Read only

System BIOS Ending Address

Name	systemBIOSEndingAddress
Object ID	.1.3.6.1.4.1.674.10892.1.300.50.1.10
Description	This attribute defines the ending address of the system BIOS. Zero indicates the starting address is unknown.
Syntax	DellUnsigned64BitRange
Access	Read only

System BIOS Manufacturer Name

Name	systemBIOSManufacturerName
Object ID	.1.3.6.1.4.1.674.10892.1.300.50.1.11
Description	This attribute defines the name of the manufacturer of the system BIOS.
Syntax	DellString
Access	Read only

System BIOS Characteristics

Name	systemBIOSCharacteristics
Object ID	.1.3.6.1.4.1.674.10892.1.300.50.1.12

Name	systemBIOSCharacteristics
Description	<p>This attribute defines characteristics of the system BIOS. This attribute is a bit field where a bit has the meaning defined below when set to 1 (one). Bit 63 is the first bit in the value, and bit 0 is the last bit in the value. See the description of DellUnsigned64BitRange at the beginning of this file for more information on the format of the value.</p> <p>NOTE: Bits 48-63 need to be examined in the context of the system ID. The system ID is available in the attribute chassisID. If the value for chassisID is non-zero, bits 48-63 have the meaning defined below:</p> <ul style="list-style-type: none"> Bit 0 — Reserved Bit 1 — Reserved Bit 2 — Unknown Bit 3 — BIOS Characteristics Not Supported Bit 4 — ISA is supported Bit 5 — MCA is supported Bit 6 — EISA is supported Bit 7 — PCI is supported Bit 8 — PC Card (PCMCIA) is supported Bit 9 — Plug and Play is supported Bit 10 — APM is supported Bit 11 — BIOS is Upgradeable (Flash) Bit 12 — BIOS shadowing is allowed Bit 13 — VL-VESA is supported Bit 14 — ESCD support is available Bit 15 — Boot from CD is supported Bit 16 — Selectable Boot is supported Bit 17 — BIOS ROM is socketed Bit 18 — Boot From PC Card (PCMCIA) is supported Bit 19 — EDD (Enhanced Disk Drive) Specification is supported Bit 20 — Int 13h - Japanese Floppy for NEC 9800 1.2mb (3.5 in, 1k Bytes/Sector, 360 RPM) is supported Bit 21 — Int 13h - Japanese Floppy for Toshiba 1.2mb (3.5 in, 360 RPM) is supported Bit 22 — Int 13h - 5.25 in / 360 KB Floppy Services are supported Bit 23 — Int 13h - 5.25 in / 1.2MB Floppy Services are supported Bit 24 — Int 13h - 3.5 in / 720 KB Floppy Services are supported Bit 25 — Int 13h - 3.5 in / 2.88 MB Floppy Services are supported Bit 26 — Int 5h, Print Screen Service is supported Bit 27 — Int 9h, 8042 Keyboard services are supported

Name	systemBIOSCharacteristics
	Bit 28 — Int 14h, Serial Services are supported
	Bit 29 — Int 17h, Printer Services are supported
	Bit 30 — Int 10h, CGA/Mono Video Services are supported
	Bit 31 — NEC PC-98
	Bit 32-47 — Reserved
	Bit 48 — Built-in NIC supports Magic Packet
	Bit 49 — System supports Wake-on-LAN
	Bit 50 — System supports chassis intrusion
	Bit 51 — Built-in NIC supports pattern-matching
	Bit 52 — System BIOS supports a 7-character service tag
	Bit 53-63 — Reserved
Syntax	DellUnsigned64BitRange
Access	Read only

System BIOS Characteristics Ext1

Name	systemBIOSCharacteristicsExt1
Object ID	.1.3.6.1.4.1.674.10892.1.300.50.1.13
Description	This attribute defines additional characteristics of the system BIOS. This attribute is a bit field where a bit has the meaning defined below when set to 1 (one). Bit 0 — ACPI supported Bit 1 — USB Legacy is supported Bit 2 — AGP is supported Bit 3 — I2O boot is supported Bit 4 — LS-120 boot is supported Bit 5 — ATAPI ZIP Drive boot is supported Bit 6 — 1394 boot is supported Bit 7 — Smart Battery supported
Syntax	DellUnsigned8BitRange
Access	Read only

System BIOS Characteristics Ext2

Name	systemBIOSCharacteristicsExt2
Object ID	.1.3.6.1.4.1.674.10892.1.300.50.1.14
Description	<p>This attribute defines additional characteristics of the system BIOS. This attribute is a bit field where a bit has the meaning defined below when set to 1 (one).</p> <p>Bit 0 — BIOS Boot Specification supported</p> <p>Bit 1— Function key-initiated Network Service boot supported</p> <p>Bit 2 — Targeted Content Distribution supported</p> <p>Bit 3-7 — Reserved</p>
Syntax	DellUnsigned8BitRange
Access	Read only

Operating System Group

The Operating System Group provides status and identifying information about a system's operating system. Identifying information includes the name, version, service pack, and patch level of the installed operating system.

Name	operatingSystemGroup
Object ID	.1.3.6.1.4.1.674.10892.1.400

Operating System Group Table

The following management information base (MIB) tables define the objects in the Operating System Group:

- [Operating System Table](#)
- [Operating System Memory Table](#)

Operating System Table

The following object sets up the Operating System Table.

Name	operatingSystemTable
Object ID	.1.3.6.1.4.1.674.10892.1.400.10
Description	This object defines the Operating System Table.
Syntax	SEQUENCE OF OperatingSystemTableEntry
Access	Not accessible

Operating System Table Entry

Name	operatingSystemTableEntry
Object ID	.1.3.6.1.4.1.674.10892.1.400.10.1

Name	operatingSystemTableEntry
Description	This object defines the Operating System Table Entry.
Syntax	OperatingSystemTableEntry
Access	Not accessible

Operating System Chassis Index

Name	operatingSystemchassisIndex
Object ID	.1.3.6.1.4.1.674.10892.1.400.10.1.1
Description	This attribute defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read only

Operating System Status

Name	operatingSystemStatus
Object ID	.1.3.6.1.4.1.674.10892.1.400.10.1.4
Description	This attribute defines the status of the operating system.
Syntax	INTEGER {other (1), unknown (2), ok (3), nonCritical (4), critical (5), nonRecoverable (6) }
Access	Read only

Operating System Is Primary

Name	operatingSystemIsPrimary
Object ID	.1.3.6.1.4.1.674.10892.1.400.10.1.5

Name	operatingSystemIsPrimary
Description	This attribute defines if this operating system is the primary operating system or not.
Syntax	DellBoolean
Access	Read only

Operating System Operating System Name

Name	operatingSystemOperatingSystemName
Object ID	.1.3.6.1.4.1.674.10892.1.400.10.1.6
Description	This attribute defines the name of the operating system.
Syntax	DisplayString (SIZE (0..255))
Access	Read only

Operating System Operating System Version Name

Name	operatingSystemOperatingSystemVersionName
Object ID	.1.3.6.1.4.1.674.10892.1.400.10.1.7
Description	This attribute defines the version of the operating system.
Syntax	DisplayString (SIZE (0..255))
Access	Read only

Operating System Memory Table

Name	operatingSystemMemoryTable
Object ID	.1.3.6.1.4.1.674.10892.1.400.20
Description	This object defines the Operating System Memory Table.
Syntax	SEQUENCE OF OperatingSystemMemoryTableEntry
Access	Not accessible

Operating System Memory Table Entry

Name	operatingSystemMemoryTableEntry
Object ID	.1.3.6.1.4.1.674.10892.1.400.20.1
Description	This object defines the Operating System Memory Table Entry.
Syntax	OperatingSystemMemoryTableEntry
Access	Not accessible

Operating System Memory Chassis Index

Name	operatingSystemMemorychassisIndex
Object ID	.1.3.6.1.4.1.674.10892.1.400.20.1.1
Description	This attribute defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read only

Operating System Memory State Capabilities

Name	operatingSystemMemoryStateCapabilities
Object ID	.1.3.6.1.4.1.674.10892.1.400.20.1.2
Description	This attribute defines the state capabilities of the operating system memory.
Syntax	INTEGER {unknownCapabilities (1), enableCapable (2), notReadyCapable (4), enableAndNotReadyCapable (6) }
Access	Read only

Operating System Memory Status

Name	operatingSystemMemoryStatus
Object ID	.1.3.6.1.4.1.674.10892.1.400.20.1.4
Description	This attribute defines the status of the operating system memory.
Syntax	INTEGER {other (1), unknown (2), ok (3), nonCritical (4), critical (5), nonRecoverable (6) }
Access	Read only

Operating System Memory Total Physical Size

Name	operatingSystemMemoryTotalPhysicalSize
Object ID	.1.3.6.1.4.1.674.10892.1.400.20.1.5
Description	This attribute defines the total physical memory for the operating system memory in KB.
Syntax	DellUnsigned32BitRange
Access	Read only

Operating System Memory Available Physical Size

Name	operatingSystemMemoryAvailablePhysicalSize
Object ID	.1.3.6.1.4.1.674.10892.1.400.20.1.6
Description	This attribute defines the available physical memory for the operating system memory in KB.
Syntax	DellUnsigned32BitRange
Access	Read only

Operating System Memory Total Page File Size

Name	operatingSystemMemoryTotalPageFileSize
Object ID	.1.3.6.1.4.1.674.10892.1.400.20.1.7
Description	This attribute defines the total page file memory for the operating system memory in KB.
Syntax	DellUnsigned32BitRange
Access	Read only

Operating System Memory Available Page File Size

Name	operatingSystemMemoryAvailablePageFileSize
Object ID	.1.3.6.1.4.1.674.10892.1.400.20.1.8
Description	This attribute defines the available page file memory for the operating system memory in KB.
Syntax	DellUnsigned32BitRange
Access	Read only

Remote Flash BIOS Group

The Remote Flash Basic Input/Output System (BIOS) Table defines the variables used to remotely update the BIOS in a system. The variables also define the capabilities of BIOS updates on the system.

Name	remoteFlashBIOSGroup
Object ID	.1.3.6.1.4.1.674.10892.1.900

Remote Flash BIOS Group Table

The Remote Flash BIOS Group defines objects in the Remote Flash BIOS MIB table.

Remote Flash BIOS Table

Name	remoteFlashBIOSTable
Object ID	.1.3.6.1.4.1.674.10892.1.900.10
Description	This object defines the Remote Flash BIOS Table.
Syntax	SEQUENCE OF RemoteFlashBIOSTableEntry
Access	Not accessible

Remote Flash BIOS Table Entry

Name	remoteFlashBIOSTableEntry
Object ID	.1.3.6.1.4.1.674.10892.1.900.10.1
Description	This object defines the Remote Flash BIOS Table Entry.
Syntax	RemoteFlashBIOSTableEntry
Access	Not accessible

Remote Flash BIOS Chassis Index

Name	remoteFlashBIOSchassisIndex
Object ID	.1.3.6.1.4.1.674.10892.1.900.10.1.1
Description	This attribute defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read only

Remote Flash BIOS Index

Name	remoteFlashBIOSIndex
Object ID	.1.3.6.1.4.1.674.10892.1.900.10.1.2
Description	This attribute defines the index (one-based) of the remote flash BIOS function.
Syntax	DellObjectRange
Access	Read only

Remote Flash BIOS Status

Name	remoteFlashBIOSStatus
Object ID	.1.3.6.1.4.1.674.10892.1.900.10.1.5
Description	This attribute defines the status of the remote flash BIOS function.
Syntax	INTEGER {other (1), unknown (2), ok (3), nonCritical (4), critical (5), nonRecoverable (6) }
Access	Read only

Remote Flash BIOS Completion Code

Name	remoteFlashBIOSLastBIOSDateName
Object ID	.1.3.6.1.4.1.674.10892.1.900.10.1.6
Description	This attribute defines the date of last BIOS update. Dates are defined in the ASCII format: yyyyMMddhhmmss.uuuuuu+fff or yyyyMMddhhmmss.uuuuuu-fff where, yyyy is the year MM is the month dd is the day hh are the hours mm are the minutes ss are the seconds uuuuuu is the number of microseconds, and +fff or -fff is the offset from UTC in minutes.
Syntax	DellDateName
Access	Read only

Remote Flash BIOS Minimum Contiguous Memory

Name	remoteFlashBIOSMinimumContiguousMemory
Object ID	.1.3.6.1.4.1.674.10892.1.900.10.1.8
Description	This attribute defines the minimum size in KB of contiguous memory required for the remote flash BIOS function.
Syntax	DellUnsigned32BitRange
Access	Read only

Port Group

The Port Group provides information about the different types of ports that may be present in your system. This management information base (MIB) group also provides information about the capabilities, states, and settings that are possible for each port.

Name	portGroup
Object ID	.1.3.6.1.4.1.674.10892.1.1000

Port Group Tables

The following MIB tables define objects in the Port Group:

- [Pointing Port Table](#)
- [Keyboard Port Table](#)
- [Processor Port Table](#)
- [Memory Device Port Table](#)
- [Parallel Port Table](#)
- [Serial Port Table](#)
- [USB Port Table](#)

Pointing Port Table

Name	pointingPortTable
Object ID	.1.3.6.1.4.1.674.10892.1.1000.10
Description	This object defines the Pointing Port Table.
Syntax	SEQUENCE OF PointingPortTableEntry
Access	Not accessible

Pointing Port Table Entry

Name	pointingPortTableEntry
Object ID	.1.3.6.1.4.1.674.10892.1.1000.10.1
Description	This object defines the Pointing Port Table Entry.
Syntax	PointingPortTableEntry
Access	Not accessible

Pointing Port Chassis Index

Name	pointingPortchassisIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1000.10.1.1
Description	This attribute defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read only

Pointing Port Index

Name	pointingPortIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1000.10.1.2
Description	This attribute defines the index (one-based) of the pointing port.
Syntax	DellObjectRange
Access	Read only

Pointing Port Connector Type

Name	pointingPortConnectorType
Object ID	.1.3.6.1.4.1.674.10892.1.1000.10.1.7

Name	pointingPortConnectorType
Description	This attribute defines the connector type of the pointing port.
Syntax	<pre> INTEGER {connectorPortTypeIsOther (1) , connectorPortTypeIsUnknown (2) , connectorPortTypeIsSerial (3) , connectorPortTypeIsPS2 (4) , connectorPortTypeIsInfrared (5) , connectorPortTypeIsHPHIL (6) , connectorPortTypeIsBusMouse (7) , connectorPortTypeIsADB (8) , connectorPortTypeIsDB9 (9) , connectorPortTypeIsMicroDIN (10) , connectorPortTypeIsAccessBusUSB (11) , connectorPortTypeIsPC98 (12) } </pre>
Access	Read only

Pointing Port Name

Name	pointingPortName
Object ID	.1.3.6.1.4.1.674.10892.1.1000.10.1.8
Description	This attribute defines name of the pointing port.
Syntax	DellString
Access	Read only

Pointing Port BIOS Connector Type

Name	pointingPortBIOSConnectorType
Object ID	.1.3.6.1.4.1.674.10892.1.1000.10.1.9
Description	This attribute defines the BIOS connector type of the pointing port.

Name	pointingPortBIOSConnectorType
Syntax	<pre> INTEGER {portConnectorTypeIsOther(1), portConnectorTypeIsNone(2), portConnectorTypeIsCentronics(3), portConnectorTypeIsMiniCentronics(4), portConnectorTypeIsProprietary(5), portConnectorTypeIsDB25Male(6), portConnectorTypeIsDB25Female(7), portConnectorTypeIsDB15Male(8), portConnectorTypeIsDB15Female(9), portConnectorTypeIsDB9Male(10), portConnectorTypeIsDB9Female(11), portConnectorTypeIsRJ11(12), portConnectorTypeIsRJ45(13), portConnectorTypeIsMiniSCSI50Pin(14), portConnectorTypeIsMiniDIN(15), portConnectorTypeIsMicroDIN(16), portConnectorTypeIsPS2(17), portConnectorTypeIsInfrared(18), portConnectorTypeIsHPHIL(19), portConnectorTypeIsAccessBussUSB(20), portConnectorTypeIsSASCSI(21), portConnectorTypeIsCirdin8Male(22), portConnectorTypeIsCirdin8Female(23), portConnectorTypeIsIDE(24), portConnectorTypeIsFloppy(25), portConnectorTypeIsDIN9Pin(26), portConnectorTypeIsDIN25Pin(27), portConnectorTypeIsDIN50Pin(28), portConnectorTypeIsDIN68Pin(29), portConnectorTypeIsCDROMLineOut(30), portConnectorTypeIsMiniCentronics14(31), portConnectorTypeIsMiniCentronics26(32), portConnectorTypeIsMiniJack(33), portConnectorTypeIsBNC(34), portConnectorTypeIs1394(35), portConnectorTypeIsPC98(36), portConnectorTypeIsPC98Hireso(37), </pre>

Name	pointingPortBIOSConnectorType portConnectorTypeIsPCH98 (38) , portConnectorTypeIsPC98Note (39) , portConnectorTypeIsPC98Full (40) }
Access	Read only

Keyboard Port Table

Name	keyboardPortTable
Object ID	.1.3.6.1.4.1.674.10892.1.1000.20
Description	This object defines the Keyboard Port Table.
Syntax	SEQUENCE OF KeyboardPortTableEntry
Access	Not accessible

Keyboard Port Table Entry

Name	processorPortTable
Object ID	.1.3.6.1.4.1.674.10892.1.1000.30
Description	This object defines the Processor Port Table.
Syntax	SEQUENCE OF ProcessorPortTableEntry
Access	Not accessible

Keyboard Port Chassis Index

Name	keyboardPortchassisIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1000.20.1.1
Description	This attribute defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read only

Keyboard Port Index

Name	keyboardPortIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1000.20.1.2
Description	This attribute defines the index (one-based) of the keyboard port.
Syntax	DellObjectRange
Access	Read only

Keyboard Status

Name	keyboardPortStatus
Object ID	.1.3.6.1.4.1.674.10892.1.1000.20.1.5
Description	This attribute defines the status of the keyboard port.
Syntax	INTEGER {other (1), unknown (2), ok (3), nonCritical (4), critical (5), nonRecoverable (6) }
Access	Read only

Keyboard Port Connector Type

Name	keyboardPortConnectorType
Object ID	.1.3.6.1.4.1.674.10892.1.1000.20.1.7
Description	This attribute defines the connector type of the keyboard port.

Name	keyboardPortConnectorType
Syntax	INTEGER { connectorPortTypeIsOther (1) , connectorPortTypeIsUnknown (2) , connectorPortTypeIsMiniDIN (3) , connectorPortTypeIsMicroDIN (4) , connectorPortTypeIsPS2 (5) , connectorPortTypeIsInfrared (6) , connectorPortTypeIsHPHIL (7) , connectorPortTypeIsDB9 (8) , connectorPortTypeIsAccessBusUSB (9) , connectorPortTypeIsPC98 (10) }
Access	Read only

Keyboard Port Name

Name	keyboardPortName
Object ID	.1.3.6.1.4.1.674.10892.1.1000.20.1.8
Description	This attribute defines name of the keyboard port.
Syntax	DellString
Access	Read only

Keyboard Port BIOS Connector Type

Name	keyboardPortBIOSConnectorType
Object ID	.1.3.6.1.4.1.674.10892.1.1000.20.1.9
Description	This attribute defines the BIOS connector type of the keyboard port.

Name	keyboardPortBIOSConnectorType
Syntax	<pre> INTEGER {portConnectorTypeIsOther(1), portConnectorTypeIsNone(2), portConnectorTypeIsCentronics(3), portConnectorTypeIsMiniCentronics(4), portConnectorTypeIsProprietary(5), portConnectorTypeIsDB25Male(6), portConnectorTypeIsDB25Female(7), portConnectorTypeIsDB15Male(8), portConnectorTypeIsDB15Female(9), portConnectorTypeIsDB9Male(10), portConnectorTypeIsDB9Female(11), portConnectorTypeIsRJ11(12), portConnectorTypeIsRJ45(13), portConnectorTypeIsMiniSCSI50Pin(14), portConnectorTypeIsMiniDIN(15), portConnectorTypeIsMicroDIN(16), portConnectorTypeIsPS2(17), portConnectorTypeIsInfrared(18), portConnectorTypeIsHPHIL(19), portConnectorTypeIsAccessBussUSB(20), portConnectorTypeIsSASCSI(21), portConnectorTypeIsCirdin8Male(22), portConnectorTypeIsCirdin8Female(23), portConnectorTypeIsIDE(24), portConnectorTypeIsFloppy(25), portConnectorTypeIsDIN9Pin(26), portConnectorTypeIsDIN25Pin(27), portConnectorTypeIsDIN50Pin(28), portConnectorTypeIsDIN68Pin(29), portConnectorTypeIsCDROMLineOut(30), portConnectorTypeIsMiniCentronics14(31), portConnectorTypeIsMiniCentronics26(32), portConnectorTypeIsMiniJack(33), portConnectorTypeIsBNC(34), portConnectorTypeIs1394(35), portConnectorTypeIsPC98(36), portConnectorTypeIsPC98Hireso(37), </pre>

Name	keyboardPortBIOSConnectorType portConnectorTypeIsPCH98 (38) , portConnectorTypeIsPC98Note (39) , portConnectorTypeIsPC98Full (40) }
Access	Read only

Processor Port Table

Name	processorPortTable
Object ID	.1.3.6.1.4.1.674.10892.1.1000.30
Description	This object defines the Processor Port Table.
Syntax	SEQUENCE OF ProcessorPortTableEntry
Access	Not accessible

Processor Port Table Entry

Name	processorPortTableEntry
Object ID	.1.3.6.1.4.1.674.10892.1.1000.30.1
Description	This object defines the Processor Port Table Entry.
Syntax	ProcessorPortTableEntry
Access	Not accessible

Processor Port Chassis Index

Name	processorPortchassisIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1000.30.1.1
Description	This attribute defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read only

Processor Port Index

Name	processorPortIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1000.30.1.2
Description	This attribute defines the index (one-based) of the processor port.
Syntax	DellObjectRange
Access	Read only

Processor Port Status

Name	processorPortStatus
Object ID	.1.3.6.1.4.1.674.10892.1.1000.30.1.5
Description	This attribute defines the status of the processor port.
Syntax	INTEGER {other (1), unknown (2), ok (3), nonCritical (4), critical (5), nonRecoverable (6) }
Access	Read only

Processor Port Connector Type

Name	processorPortConnectorType
Object ID	.1.3.6.1.4.1.674.10892.1.1000.30.1.7
Description	This attribute defines the connector type of the processor port.

Name	processorPortConnectorType
Syntax	INTEGER {connectorPortTypeIsOther (1) , connectorPortTypeIsUnknown (2) , connectorPortTypeIsDaughterdBoard (3) , connectorPortTypeIsZIFSocket (4) , connectorPortTypeIsAPiggyBackBoard (5) , connectorPortTypeIsNone (6) , connectorPortTypeIsLIFSocket (7) , connectorPortTypeIsSlot1 (8) , connectorPortTypeIsSlot2 (9) , connectorPortTypeIs370PinSocket (10) }
Access	Read only

Processor Port Name

Name	processorPortName
Object ID	.1.3.6.1.4.1.674.10892.1.1000.30.1.8
Description	This attribute defines the processor port name.
Syntax	DellString
Access	Read only

Processor Port BIOS Connector Type

Name	processorPortBIOSConnectorType
Object ID	.1.3.6.1.4.1.674.10892.1.1000.30.1.9
Description	This attribute defines the BIOS connector type of the processor port.

Name	processorPortBIOSConnectorType
Syntax	<pre> INTEGER {portConnectorTypeIsOther(1), portConnectorTypeIsNone(2), portConnectorTypeIsCentronics(3), portConnectorTypeIsMiniCentronics(4), portConnectorTypeIsProprietary(5), portConnectorTypeIsDB25Male(6), portConnectorTypeIsDB25Female(7), portConnectorTypeIsDB15Male(8), portConnectorTypeIsDB15Female(9), portConnectorTypeIsDB9Male(10), portConnectorTypeIsDB9Female(11), portConnectorTypeIsRJ11(12), portConnectorTypeIsRJ45(13), portConnectorTypeIsMiniSCSI50Pin(14), portConnectorTypeIsMiniDIN(15), portConnectorTypeIsMicroDIN(16), portConnectorTypeIsPS2(17), portConnectorTypeIsInfrared(18), portConnectorTypeIsHPHIL(19), portConnectorTypeIsAccessBussUSB(20), portConnectorTypeIssASCSI(21), portConnectorTypeIsCirdin8Male(22), portConnectorTypeIsCirdin8Female(23), portConnectorTypeIsIDE(24), portConnectorTypeIsFloppy(25), portConnectorTypeIsDIN9Pin(26), portConnectorTypeIsDIN25Pin(27), portConnectorTypeIsDIN50Pin(28), portConnectorTypeIsDIN68Pin(29), portConnectorTypeIsCDROMLineOut(30), portConnectorTypeIsMiniCentronics14(31), portConnectorTypeIsMiniCentronics26(32), portConnectorTypeIsMiniJack(33), portConnectorTypeIsBNC(34), portConnectorTypeIs1394(35), portConnectorTypeIsPC98(36), portConnectorTypeIsPC98Hireso(37), </pre>

Name	processorPortBIOSConnectorType portConnectorTypeIsPCH98 (38) , portConnectorTypeIsPC98Note (39) , portConnectorTypeIsPC98Full (40) }
Access	Read only

Memory Device Port Table

Name	memoryDevicePortTable
Object ID	.1.3.6.1.4.1.674.10892.1.1000.40
Description	This object defines the Memory Device Port Table.
Syntax	SEQUENCE OF MemoryDevicePortTableEntry
Access	Not accessible

Memory Device Port Table Entry

Name	memoryDevicePortTableEntry
Object ID	.1.3.6.1.4.1.674.10892.1.1000.40.1
Description	This object defines the Memory Device Port Table Entry.
Syntax	MemoryDevicePortTableEntry
Access	Not accessible

Memory Device Port Chassis Index

Name	memoryDevicePortchassisIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1000.40.1.1
Description	This attribute defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read only

Memory Device Port Index

Name	memoryDevicePortIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1000.40.1.2
Description	This attribute defines the index (one-based) of the memory device port.
Syntax	DellObjectRange
Access	Read only

Memory Device Port Status

Name	memoryDevicePortStatus
Object ID	.1.3.6.1.4.1.674.10892.1.1000.40.1.5
Description	This attribute defines the status of the memory device port.
Syntax	INTEGER {other(1), unknown(2), ok(3), nonCritical(4), critical(5), nonRecoverable(6) }
Access	Read only

Memory Device Port Connector Type

Name	memoryDevicePortConnectorType
Object ID	.1.3.6.1.4.1.674.10892.1.1000.40.1.7
Description	This attribute defines the connector type of the memory device port.

Name	memoryDevicePortConnectorType
Syntax	<pre> INTEGER {connectorPortTypeIsOther(1), connectorPortTypeIsUnknown(2), connectorPortTypeIsSIMM(3), connectorPortTypeIsSIP(4), connectorPortTypeIsAChip(5), connectorPortTypeIsDIP(6), connectorPortTypeIsZIP(7), connectorPortTypeIsAProprietaryCard(8), connectorPortTypeIsDIMM(9), connectorPortTypeIsTSOP(10), connectorPortTypeIsARowOfChips(11), connectorPortTypeIsRIMM(12), connectorPortTypeIsSODIMM(13), connectorPortTypeIsSRIMM(14) } </pre>
Access	Read only

Memory Device Port Name

Name	memoryDevicePortName
Object ID	.1.3.6.1.4.1.674.10892.1.1000.40.1.8
Description	This attribute defines name of the memory device port.
Syntax	DellString
Access	Read only

Memory Device Port BIOS Connector Type

Name	memoryDevicePortBIOSConnectorType
Object ID	.1.3.6.1.4.1.674.10892.1.1000.40.1.9
Description	This attribute defines the BIOS connector type of the memory device port.

Name	memoryDevicePortBIOSConnectorType
Syntax	<pre> INTEGER {portConnectorTypeIsOther(1), portConnectorTypeIsNone(2), portConnectorTypeIsCentronics(3), portConnectorTypeIsMiniCentronics(4), portConnectorTypeIsProprietary(5), portConnectorTypeIsDB25Male(6), portConnectorTypeIsDB25Female(7), portConnectorTypeIsDB15Male(8), portConnectorTypeIsDB15Female(9), portConnectorTypeIsDB9Male(10), portConnectorTypeIsDB9Female(11), portConnectorTypeIsRJ11(12), portConnectorTypeIsRJ45(13), portConnectorTypeIsMiniSCSI50Pin(14), portConnectorTypeIsMiniDIN(15), portConnectorTypeIsMicroDIN(16), portConnectorTypeIsPS2(17), portConnectorTypeIsInfrared(18), portConnectorTypeIsHPHIL(19), portConnectorTypeIsAccessBussUSB(20), portConnectorTypeIsSSASCSI(21), portConnectorTypeIsCirdin8Male(22), portConnectorTypeIsCirdin8Female(23), portConnectorTypeIsIDE(24), portConnectorTypeIsFloppy(25), portConnectorTypeIsDIN9Pin(26), portConnectorTypeIsDIN25Pin(27), portConnectorTypeIsDIN50Pin(28), portConnectorTypeIsDIN68Pin(29), portConnectorTypeIsCDROMLineOut(30), portConnectorTypeIsMiniCentronics14(31), portConnectorTypeIsMiniCentronics26(32), portConnectorTypeIsMiniJack(33), portConnectorTypeIsBNC(34), portConnectorTypeIs1394(35), portConnectorTypeIsPC98(36), portConnectorTypeIsPC98Hireso(37), </pre>

Name	memoryDevicePortBIOSConnectorType portConnectorTypeIsPCH98 (38) , portConnectorTypeIsPC98Note (39) , portConnectorTypeIsPC98Full (40) }
Access	Read only

Parallel Port Table

Name	parallelPortTable
Object ID	.1.3.6.1.4.1.674.10892.1.1000.70
Description	This object defines the Parallel Port Table.
Syntax	SEQUENCE OF ParallelPortTableEntry
Access	Not accessible

Parallel Port Table Entry

Name	parallelPortTableEntry
Object ID	.1.3.6.1.4.1.674.10892.1.1000.70.1
Description	This object defines the Parallel Port Table Entry.
Syntax	ParallelPortTableEntry
Access	Not accessible

Parallel Port Chassis Index

Name	processorPortchassisIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1000.30.1.1
Description	This attribute defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read only

Parallel Port Index

Name	processorPortIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1000.30.1.2
Description	This attribute defines the index (one-based) of the processor port.
Syntax	DellObjectRange
Access	Read only

Parallel Port Status

Name	parallelPortStatus
Object ID	.1.3.6.1.4.1.674.10892.1.1000.70.1.5
Description	This attribute defines the status of the parallel port.
Syntax	INTEGER {other(1), unknown(2), ok(3), nonCritical(4), critical(5), nonRecoverable(6) }
Access	Read only

Parallel Port Connector Type

Name	parallelPortConnectorType
Object ID	.1.3.6.1.4.1.674.10892.1.1000.70.1.7
Description	This attribute defines the connector type of the parallel port.

Name	parallelPortConnectorType
Syntax	INTEGER {connectorPortTypeIsOther(1), connectorPortTypeIsUnknown(2), connectorPortTypeIsDB25PinFemale(3), connectorPortTypeIsDB25PinMale(4), connectorPortTypeIsCentronics(5), connectorPortTypeIsMiniCentronics(6), connectorPortTypeIsProprietary(7), connectorPortTypeIsCentronics14(8), connectorPortTypeIsDB36PinFemale(9), connectorPortTypeIsMiniCentronics20(10) }
Access	Read only

Parallel Port Name

Name	parallelPortName
Object ID	.1.3.6.1.4.1.674.10892.1.1000.70.1.8
Description	This attribute defines the parallel port name.
Syntax	DellString
Access	Read only

Parallel Port Connector Pin Out

Name	parallelPortConnectorPinOut
Object ID	.1.3.6.1.4.1.674.10892.1.1000.70.1.9
Description	This attribute defines the parallel port pin out.

Name	parallelPortConnectorPinOut
Syntax	INTEGER {connectorPortPinoutIsOther(1), connectorPortPinoutIsUnknown(2), connectorPortPinoutIsXTorAT(3), connectorPortPinoutIsPS2(4), connectorPortPinoutIsIEEE1284(5), connectorPortPinoutIsProprietary(6), connectorPortPinoutIsPC98(7), connectorPortPinoutIsPC98Hireso(8), connectorPortPinoutIsPC98Note(9), connectorPortPinoutIsPC98Full(10) }
Access	Read only

Parallel Port Base I/O Address

Name	parallelPortBaseIOAddress
Object ID	.1.3.6.1.4.1.674.10892.1.1000.70.1.11
Description	This attribute defines the parallel port base I/O address.
Syntax	DellUnsigned64BitRange
Access	Read only

Parallel Port IRQ Level

Name	parallelPortIRQLevel
Object ID	.1.3.6.1.4.1.674.10892.1.1000.70.1.12
Description	This attribute defines the Interrupt Request Level of the parallel port.
Syntax	DellUnsigned8BitRange
Access	Read only

Parallel Port DMA Support

Name	parallelPortDMASupport
Object ID	.1.3.6.1.4.1.674.10892.1.1000.70.1.13
Description	This attribute defines if DMA is supported by the parallel port.
Syntax	DellBoolean
Access	Read only

Serial Port Table

Name	serialPortTable
Object ID	.1.3.6.1.4.1.674.10892.1.1000.80
Description	This object defines the Serial Port Table.
Syntax	SEQUENCE OF SerialPortTableEntry
Access	Not accessible

Serial Port Table Entry

Name	serialPortTableEntry
Object ID	.1.3.6.1.4.1.674.10892.1.1000.80.1
Description	This object defines the Serial Port Table Entry.
Syntax	SerialPortTableEntry
Access	Not accessible

Serial Port Chassis Index

Name	serialPortchassisIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1000.80.1.1

Description	This attribute defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read only

Serial Port Index

Name	serialPortIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1000.80.1.2
Description	This attribute defines the index (one-based) of the serial port.
Syntax	DellObjectRange
Access	Read only

Serial Port Status

Name	serialPortStatus
Object ID	.1.3.6.1.4.1.674.10892.1.1000.80.1.5
Description	This attribute defines the status of the serial port.
Syntax	INTEGER {other (1), unknown (2), ok (3), nonCritical (4), critical (5), nonRecoverable (6) }
Access	Read only

Serial Port Connector Type

Name	serialPortConnectorType
Object ID	.1.3.6.1.4.1.674.10892.1.1000.80.1.7
Description	This attribute defines the connector type of the serial port.
Syntax	<pre>INTEGER {connectorPortTypeIsOther(1), connectorPortTypeIsUnknown(2), connectorPortTypeIsDB9PinMale(3), connectorPortTypeIsDB9PinFemale(4), connectorPortTypeIsDB25PinMale(5), connectorPortTypeIsDB25PinFemale(6), connectorPortTypeIsRJ11(7), connectorPortTypeIsRJ45(8), connectorPortTypeIsProprietary(9), connectorPortTypeIsCirdin8Male(10), connectorPortTypeIsCirdin8Female(11), connectorPortTypeIsMiniCentronics14(12), connectorPortTypeIsMiniCentronics26(13)} </pre>
Access	Read only

Serial Port Name

Name	serialPortName
Object ID	.1.3.6.1.4.1.674.10892.1.1000.80.1.8
Description	This attribute defines the serial port name.
Syntax	DellString
Access	Read only

Serial Port Maximum Speed

Name	serialPortMaximumSpeed
Object ID	.1.3.6.1.4.1.674.10892.1.1000.80.1.9

Description	This attribute defines the maximum speed the serial port can support in bits per second. Zero indicates maximum speed is unknown.
Syntax	DellUnsigned32BitRange
Access	Read only

Serial Port Capabilities Unique

Name	serialPortCapabilitiesUnique
Object ID	.1.3.6.1.4.1.674.10892.1.1000.80.1.10
Description	This attribute defines the mode capabilities of the serial port.
Syntax	INTEGER {other (1), unknown (2), xtorATCapable (4), c16450Capable (8), c16550Capable (16), c16550aCapable (32), c8251Capable (64), c8251FIFOCapable (128) }
Access	Read only

Serial Port Base I/O Address

Name	serialPortBaseIOAddress
Object ID	.1.3.6.1.4.1.674.10892.1.1000.80.1.11
Description	This attribute defines the base I/O address of the serial port.
Syntax	DellUnsigned64BitRange
Access	Read only

Serial Port IRQ Level

Name	serialPortIRQLevel
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Object ID	.1.3.6.1.4.1.674.10892.1.1000.80.1.12
Description	This attribute defines the Interrupt Request Level of the serial port.
Syntax	DellUnsigned8BitRange
Access	Read only

USB Port Table

Name	uSBPortTable
Object ID	.1.3.6.1.4.1.674.10892.1.1000.90
Description	This object defines the Universal Serial Bus (USB) Port Table.
Syntax	SEQUENCE OF USBPortTableEntry
Access	Not accessible

USB Port Table Entry

Name	uSBPortTableEntry
Object ID	.1.3.6.1.4.1.674.10892.1.1000.90.1
Description	This object defines the USB Port Table Entry.
Syntax	USBPortTableEntry
Access	Not accessible

USB Port Chassis Index

Name	uSBPortchassisIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1000.90.1.1
Description	This attribute defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read only

USB Port Index

Name	uSBPortIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1000.90.1.2
Description	This attribute defines the index (one-based) of the USB port.
Syntax	DellObjectRange
Access	Read only

USB Port Status

Name	uSBPortStatus
Object ID	.1.3.6.1.4.1.674.10892.1.1000.90.1.5
Description	
Syntax	INTEGER {other(1), unknown(2), ok(3), nonCritical(4), critical(5), nonRecoverable(6) }
Access	Read only

USB Port Connector Type

Name	uSBPortConnectorType
Object ID	.1.3.6.1.4.1.674.10892.1.1000.90.1.7
Description	This attribute defines the connector type of the USB port.
Syntax	INTEGER {connectorPortTypeIsOther(1), connectorPortTypeIsUnknown(2), connectorPortTypeIsUSB(3) }
Access	Read only

USB Port Name

Name	uSBPortName
Object ID	.1.3.6.1.4.1.674.10892.1.1000.90.1.8
Description	This attribute defines the USB port name.
Syntax	DellString
Access	Read only

USB Port BIOS Connector Type

Name	uSBPortBIOSConnectorType
Object ID	.1.3.6.1.4.1.674.10892.1.1000.90.1.9
Description	This attribute defines the BIOS connector type of the USB port.

Name	usbPortBIOSConnectorType
Syntax	<pre> INTEGER {portConnectorTypeIsOther(1), portConnectorTypeIsNone(2), portConnectorTypeIsCentronics(3), portConnectorTypeIsMiniCentronics(4), portConnectorTypeIsProprietary(5), portConnectorTypeIsDB25Male(6), portConnectorTypeIsDB25Female(7), portConnectorTypeIsDB15Male(8), portConnectorTypeIsDB15Female(9), portConnectorTypeIsDB9Male(10), portConnectorTypeIsDB9Female(11), portConnectorTypeIsRJ11(12), portConnectorTypeIsRJ45(13), portConnectorTypeIsMiniSCSI50Pin(14), portConnectorTypeIsMiniDIN(15), portConnectorTypeIsMicroDIN(16), portConnectorTypeIsPS2(17), portConnectorTypeIsInfrared(18), portConnectorTypeIsHPHIL(19), portConnectorTypeIsAccessBussUSB(20), portConnectorTypeIsSASCSI(21), portConnectorTypeIsCirdin8Male(22), portConnectorTypeIsCirdin8Female(23), portConnectorTypeIsIDE(24), portConnectorTypeIsFloppy(25), portConnectorTypeIsDIN9Pin(26), portConnectorTypeIsDIN25Pin(27), portConnectorTypeIsDIN50Pin(28), portConnectorTypeIsDIN68Pin(29), portConnectorTypeIsCDROMLineOut(30), portConnectorTypeIsMiniCentronics14(31), portConnectorTypeIsMiniCentronics26(32), portConnectorTypeIsMiniJack(33), portConnectorTypeIsBNC(34), portConnectorTypeIs1394(35), portConnectorTypeIsPC98(36), portConnectorTypeIsPC98Hireso(37), </pre>

Name	uSBPortBIOSConnectorType portConnectorTypeIsPCH98 (38) , portConnectorTypeIsPC98Note (39) , portConnectorTypeIsPC98Full (40) }
Access	Read only

Device Group

The Device Group provides information about different types of pointing, keyboard, processor, cache, memory, and peripheral component interconnect (PCI) devices. Variables in this group cover information about type, settings, configuration, manufacturer, address or location, and if applicable, the speed of the device.

Name	deviceGroup
Object ID	.1.3.6.1.4.1.674.10892.1.1100

Device Tables

The following management information base (MIB) tables define objects in the Device Group:

- [Processor Device Table](#)
- [Processor Device Status](#)
- [Memory Device Table](#)
- [PCI Device Table](#)
- [Network Device Table](#)

Processor Device Table

Name	processorDeviceTable
Object ID	.1.3.6.1.4.1.674.10892.1.1100.30
Description	This object defines the Processor Device Table.
Syntax	SEQUENCE OF ProcessorDeviceTableEntry
Access	Not accessible

Processor Device Table Entry

Name	processorDeviceTableEntry
Object ID	.1.3.6.1.4.1.674.10892.1.1100.30.1
Description	This object defines the Processor Device Table Entry.
Syntax	ProcessorDeviceTableEntry
Access	Not accessible

Processor Device Chassis Index

Name	processorDevicechassisIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1100.30.1.1
Description	This attribute defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read only

Processor Device Index

Name	processorDeviceIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1100.30.1.2
Description	This attribute defines the index (one-based) of the processor.
Syntax	DellObjectRange
Access	Read only

Processor Device Status

Name	processorDeviceStatus
Object ID	.1.3.6.1.4.1.674.10892.1.1100.30.1.5
Description	This attribute defines the status of the processor.

Name	processorDeviceStatus
Syntax	INTEGER {other (1), unknown (2), ok (3), nonCritical (4), critical (5), nonRecoverable (6) }
Access	Read only

Processor Port Index Reference

Name	processorPortIndexReference
Object ID	.1.3.6.1.4.1.674.10892.1.1100.30.1.6
Description	This attribute defines the index (one-based) of the associated processor port in the same chassis.
Syntax	DellObjectRange
Access	Read only

Processor Device Type

Name	processorDeviceType
Object ID	.1.3.6.1.4.1.674.10892.1.1100.30.1.7
Description	This attribute defines the type of the processor device.
Syntax	INTEGER {deviceTypeIsOther (1), deviceTypeIsUnknown (2), deviceTypeIsCPU (3), deviceTypeIsMathProcessor (4), deviceTypeIsDSP (5), deviceTypeIsAVideoProcessor (6) }
Access	Read only

Processor Device Manufacturer Name

Name	processorDeviceManufacturerName
Object ID	.1.3.6.1.4.1.674.10892.1.1100.30.1.8
Description	This attribute defines the name of the manufacturer of the processor device.
Syntax	DellString
Access	Read only

Processor Device Status State

Name	processorDeviceStatusState
Object ID	.1.3.6.1.4.1.674.10892.1.1100.30.1.9
Description	This attribute defines the status state of the processor.
Syntax	INTEGER {other (1), unknown (2), enabled (3), userDisabled (4), biosDisabled (5), idle (6) }
Access	Read only

Processor Device Family

Name	processorDeviceFamily
Object ID	.1.3.6.1.4.1.674.10892.1.1100.30.1.10
Description	This attribute defines the processor family.

Syntax

```
INTEGER {deviceFamilyIsOther(1),
deviceFamilyIsUnknown(2), deviceFamilyIs8086(3),
deviceFamilyIs80286(4), deviceFamilyIsIntel386(5),
deviceFamilyIsIntel486(6),
deviceFamilyIs8087(7), deviceFamilyIs80287(8),
deviceFamilyIs80387(9), deviceFamilyIs80487(10),
deviceFamilyIsPentium(11),
deviceFamilyIsPentiumPro(12),
deviceFamilyIsPentiumII(13),
deviceFamilyIsPentiumMMX(14),
deviceFamilyIsCeleron(15),
deviceFamilyIsPentiumIIXeon(16),
deviceFamilyIsPentiumIII(17),
deviceFamilyIsPentiumIIIXeon(18),
deviceFamilyIsPentiumIIISpeedStep(19),
deviceFamilyIsItanium(20),
deviceFamilyIsIntelXeon(21),
deviceFamilyIsPentium4(22),
deviceFamilyIsIntelXeonMP(23),
deviceFamilyIsIntelItanium2(24),
deviceFamilyIsK5(25),
deviceFamilyIsK6(26),
deviceFamilyIsK6-2(27),
deviceFamilyIsK6-3(28),
deviceFamilyIsAMDAthlon(29),
deviceFamilyIsAMD2900(30),
deviceFamilyIsK6-2Plus(31),
deviceFamilyIsPowerPC(32),
deviceFamilyIsPowerPC601(33),
deviceFamilyIsPowerPC603(34),
deviceFamilyIsPowerPC603Plus(35),
deviceFamilyIsPowerPC604(36),
deviceFamilyIsPowerPC620(37),
deviceFamilyIsPowerPCx704(38),
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deviceFamilyIsPowerPC750 (39),
deviceFamilyIsIntelCoreDuo (40),
deviceFamilyIsIntelCoreDuoMobile (41),
deviceFamilyIsIntelCoreSoloMobile (42),
deviceFamilyIsIntelAtom (43),
deviceFamilyIsAlpha (48),
deviceFamilyIsAlpha21064 (49),
deviceFamilyIsAlpha21066 (50),
deviceFamilyIsAlpha21164 (51),
deviceFamilyIsAlpha21164PC (52),
deviceFamilyIsAlpha21164a (53),
deviceFamilyIsAlpha21264 (54),
deviceFamilyIsAlpha21364 (55),
deviceFamilyIsAMDTurionIIOltraDualMobileM (56),
deviceFamilyIsAMDTurionIIDualMobileM (57),
deviceFamilyIsAMDathlonIIDualMobileM (58),
deviceFamilyIsAMDOpteron6100 (59),
deviceFamilyIsAMDOpteron4100 (60),
deviceFamilyIsAMDOpteron6200 (61),
deviceFamilyIsAMDOpteron4200 (62),
deviceFamilyIsMIPS (64),
deviceFamilyIsMIPSR4000 (65),
deviceFamilyIsMIPSR4200 (66),
deviceFamilyIsMIPSR4400 (67),
deviceFamilyIsMIPSR4600 (68),
deviceFamilyIsMIPSR10000 (69),
deviceFamilyIsSPARC (80),
deviceFamilyIsSuperSPARC (81),
deviceFamilyIsmicroSPARCII (82),
deviceFamilyIsmicroSPARCIIep (83),
deviceFamilyIsUltraSPARC (84),
deviceFamilyIsUltraSPARCII (85),
deviceFamilyIsUltraSPARCIIi (86),
deviceFamilyIsUltraSPARCIII (87),
deviceFamilyIsUltraSPARCIIIi (88),
deviceFamilyIs68040 (96),
deviceFamilyIs68xxx (97),

deviceFamilyIs68000 (98),
deviceFamilyIs68010 (99),
deviceFamilyIs68020 (100),
deviceFamilyIs68030 (101),
deviceFamilyIsHobbit (112),
deviceFamilyIsCrusoeTM5000 (120),
deviceFamilyIsCrusoeTM3000 (121),
deviceFamilyIsEfficeonTM8000 (122),
deviceFamilyIsWeitek (128),
deviceFamilyIsIntelCeleronM (130),
deviceFamilyIsAMDAthlon64 (131),
deviceFamilyIsAMDOpteron (132),
deviceFamilyIsAMDSempron (133),
deviceFamilyIsAMDTurion64Mobile (134),
deviceFamilyIsDualCoreAMDOpteron (135),
deviceFamilyIsAMDAthlon64X2DualCore (136),
deviceFamilyIsAMDTurion64X2Mobile (137),
deviceFamilyIsQuadCoreAMDOpteron (138),
deviceFamilyIsThirdGenerationAMDOpteron (139),
deviceFamilyIsAMDPhenomFXQuadCore (140),
deviceFamilyIsAMDPhenomX4QuadCore (141),
deviceFamilyIsAMDPhenomX2DualCore (142),
deviceFamilyIsAMDAthlonX2DualCore (143),
deviceFamilyIsPA-RISC (144),
deviceFamilyIsPA-RISC8500 (145),
deviceFamilyIsPA-RISC8000 (146),
deviceFamilyIsPA-RISC7300LC (147),
deviceFamilyIsPA-RISC7200 (148),
deviceFamilyIsPA-RISC7100LC (149),
deviceFamilyIsPA-RISC7100 (150),
deviceFamilyIsV30 (160),
deviceFamilyIsQuadCoreIntelXeon3200 (161),
deviceFamilyIsDualCoreIntelXeon3000 (162),
deviceFamilyIsQuadCoreIntelXeon5300 (163),
deviceFamilyIsDualCoreIntelXeon5100 (164),
deviceFamilyIsDualCoreIntelXeon5000 (165),
deviceFamilyIsDualCoreIntelXeonLV (166),
deviceFamilyIsDualCoreIntelXeonULV (167),

deviceFamilyIsDualCoreIntelXeon7100 (168),
deviceFamilyIsQuadCoreIntelXeon5400 (169),
deviceFamilyIsQuadCoreIntelXeon (170),
deviceFamilyIsDualCoreIntelXeon5200 (171),
deviceFamilyIsDualCoreIntelXeon7200 (172),
deviceFamilyIsQuadCoreIntelXeon7300 (173),
deviceFamilyIsQuadCoreIntelXeon7400 (174),
deviceFamilyIsMultiCoreIntelXeon7400 (175),
deviceFamilyIsM1 (176),
deviceFamilyIsM2 (177),
deviceFamilyIsIntelPentium4HT (179),
deviceFamilyIsAS400 (180),
deviceFamilyIsAMDathlonXP (182),
deviceFamilyIsAMDathlonMP (183),
deviceFamilyIsAMDDuron (184),
deviceFamilyIsIntelPentiumM (185),
deviceFamilyIsIntelCeleronD (186),
deviceFamilyIsIntelPentiumD (187),
deviceFamilyIsIntelPentiumExtreme (188),
deviceFamilyIsIntelCoreSolo (189),
deviceFamilyIsIntelCore2 (190),
deviceFamilyIsIntelCore2Duo (191),
deviceFamilyIsIntelCore2Solo (192),
deviceFamilyIsIntelCore2Extreme (193),
deviceFamilyIsIntelCore2Quad (194),
deviceFamilyIsIntelCore2ExtremeMobile (195),
deviceFamilyIsIntelCore2DuoMobile (196),
deviceFamilyIsIntelCore2SoloMobile (197),
deviceFamilyIsIntelCorei7 (198),
deviceFamilyIsDualCoreIntelCeleron (199),
deviceFamilyIsIBM390 (200),
deviceFamilyIsG4 (201),
deviceFamilyIsG5 (202),
deviceFamilyIsESA390G6 (203),
deviceFamilyIszArchitektur (204),
deviceFamilyIsIntelCorei5 (205),
deviceFamilyIsIntelCorei3 (206),
deviceFamilyIsVIAC7-M (210),

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deviceFamilyIsVIAC7-D(211),
deviceFamilyIsVIAC7(212),
deviceFamilyIsVIAEden(213),
deviceFamilyIsMultiCoreIntelXeon(214),
deviceFamilyIsDualCoreIntelXeon3xxx(215),
deviceFamilyIsQuadCoreIntelXeon3xxx(216),
deviceFamilyIsVIANano(217),
deviceFamilyIsDualCoreIntelXeon5xxx(218),
deviceFamilyIsQuadCoreIntelXeon5xxx(219),
deviceFamilyIsDualCoreIntelXeon7xxx(221),
deviceFamilyIsQuadCoreIntelXeon7xxx(222),
deviceFamilyIsMultiCoreIntelXeon7xxx(223),
deviceFamilyIsMultiCoreIntelXeon3400(224),
deviceFamilyIsEmbeddedAMDOpertonQuadCore(230),
deviceFamilyIsAMDPhenomTripleCore(231),
deviceFamilyIsAMDTurionUltraDualCoreMobile(232),
deviceFamilyIsAMDTurionDualCoreMobile(233),
deviceFamilyIsAMDAthlonDualCore(234),
deviceFamilyIsAMDSempronSI(235),
deviceFamilyIsAMDPhenomII(236),
deviceFamilyIsAMDAthlonII(237),
deviceFamilyIsSixCoreAMDOpteron(238),
deviceFamilyIsAMDSempronM(239),
deviceFamilyIsi860(250),
deviceFamilyIsi960(251)
}

```

Access Read only

Processor Device Maximum Speed

Name	processorDeviceMaximumSpeed
Object ID	.1.3.6.1.4.1.674.10892.1.1100.30.1.11
Description	This attribute defines the maximum speed of the processor in MHz. Zero indicates the maximum speed is unknown.
Syntax	DellUnsigned32BitRange
Access	Read only

Processor Device Current Speed

Name	processorDeviceCurrentSpeed
Object ID	.1.3.6.1.4.1.674.10892.1.1100.30.1.12
Description	This attribute defines the current speed of the processor in MHz. Zero indicates the current speed is unknown.
Syntax	DellUnsigned32BitRange
Access	Read only

Processor Device External Clock Speed

Name	processorDeviceExternalClockSpeed
Object ID	.1.3.6.1.4.1.674.10892.1.1100.30.1.13
Description	This attribute defines the external clock speed for the processor in MHz. Zero indicates the external clock speed is unknown.
Syntax	DellUnsigned32BitRange
Access	Read only

Processor Device Model Name

Name	processorDeviceModelName
Object ID	.1.3.6.1.4.1.674.10892.1.1100.30.1.24
Description	This attribute defines the processor model.
Syntax	DellString
Access	Read only

Processor Device Stepping Name

Name	processorDeviceSteppingName
Object ID	.1.3.6.1.4.1.674.10892.1.1100.30.1.25

Name	processorDeviceSteppingName
Description	This attribute defines the stepping of the processor device.
Syntax	DellString
Access	Read only

Memory Device Table

Name	memoryDeviceTable
Object ID	.1.3.6.1.4.1.674.10892.1.1100.50
Description	This object defines the Memory Device Table.
Syntax	SEQUENCE OF MemoryDeviceTableEntry
Access	Not accessible

Memory Device Table Entry

Name	memoryDeviceTableEntry
Object ID	.1.3.6.1.4.1.674.10892.1.1100.50.1
Description	This object defines the Memory Device Table Entry.
Syntax	MemoryDeviceTableEntry
Access	not accessible

Memory Device Chassis Index

Name	memoryDevicechassisIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1100.50.1.1
Description	This attribute defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read only

Memory Device Status

Name	memoryDeviceStatus
Object ID	.1.3.6.1.4.1.674.10892.1.1100.50.1.5
Description	This attribute defines the memory device status.
Syntax	INTEGER {other(1), unknown(2), ok(3), nonCritical(4), critical(5), nonRecoverable(6) }
Access	Read only

Memory Device Index

Name	memoryDeviceIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1100.50.1.2
Description	This attribute defines the index (one-based) of the memory device.
Syntax	DellObjectRange
Access	Read only

Memory Device Type

Name	memoryDeviceType
Object ID	.1.3.6.1.4.1.674.10892.1.1100.50.1.7
Description	This attribute defines the type of the memory device.

Name	memoryDeviceType
Syntax	<pre> INTEGER {deviceTypeIsOther(1), deviceTypeIsUnknown(2), deviceTypeIsDRAM(3), deviceTypeIsEDRAM(4), deviceTypeIsVRAM(5), deviceTypeIsSRAM(6), deviceTypeIsRAM(7), deviceTypeIsROM(8), deviceTypeIsFLASH(9), deviceTypeIsEEPROM(10), deviceTypeIsFEPRM(11), deviceTypeIsEPROM(12), deviceTypeIsCDRAM(13), deviceTypeIs3DRAM(14), deviceTypeIsSDRAM(15), deviceTypeIsSGRAM(16), deviceTypeIsRDRAM(17), deviceTypeIsDDR(18), deviceTypeIsDDR2(19), deviceTypeIsDDR2FBDIMM(20), deviceTypeIsDDR3(24), deviceTypeIsFBD2(25) } </pre>
Access	Read only

Memory Device Location Name

Name	memoryDeviceLocationName
Object ID	.1.3.6.1.4.1.674.10892.1.1100.50.1.8
Description	This attribute defines the location of the memory device.
Syntax	DellString
Access	Read only

Memory Device Type Details

Name	memoryDeviceTypeDetails
Object ID	.1.3.6.1.4.1.674.10892.1.1100.50.1.11
Description	This attribute defines the detailed type of the memory device.

Name	memoryDeviceTypeDetails
Syntax	<pre> INTEGER {deviceTypeDetailIsOther(2), deviceTypeDetailIsUnknown(4), deviceTypeDetailIsFastPaged(8), deviceTypeDetailIsStaticColumn(16), deviceTypeDetailIsPseudoStatic(32), deviceTypeDetailIsRAMBUS(64), deviceTypeDetailIsSynchronous(128), deviceTypeDetailIsCMOS(256), deviceTypeDetailIsEDO(512), deviceTypeDetailIsWindowDRAM(1024), deviceTypeDetailIsCachedDRAM(2048), deviceTypeDetailIsNonVolatile(4096), deviceTypeDetailIsRegistered(8192), deviceTypeDetailIsNonRegistered(16384) } </pre>
Access	Read only

Memory Device Form Factor

Name	memoryDeviceFormFactor
Object ID	.1.3.6.1.4.1.674.10892.1.1100.50.1.12
Description	This attribute defines the form factor of the memory device.

Name	memoryDeviceFormFactor
Syntax	INTEGER {deviceFormFactorIsOther (1), deviceFormFactorIsUnknown (2), deviceFormFactorIsSIMM (3), deviceFormFactorIsSIP (4), deviceFormFactorIsAChip (5), deviceFormFactorIsDIP (6), deviceFormFactorIsZIP (7), deviceFormFactorIsAProprietaryCard (8), deviceFormFactorIsDIMM (9), deviceFormFactorIsTSOP (10), deviceFormFactorIsARowOfChips (11), deviceFormFactorIsRIMM (12), deviceFormFactorIsSODIMM (13), deviceFormFactorIsSRIMM (14), deviceFormFactorIsFBDIMM (15) }
Access	Read only

Memory Device Set

Name	memoryDeviceSet
Object ID	.1.3.6.1.4.1.674.10892.1.1100.50.1.13
Description	This attribute defines if the memory device is a part of a set. Zero indicates it is not part of a set and 2,147,483,647 indicates it is unknown if it is a part of a set.
Syntax	DellUnsigned32BitRange
Access	Read only

Memory Device Size

Name	memoryDeviceSize
Object ID	.1.3.6.1.4.1.674.10892.1.1100.50.1.14

Name	memoryDeviceSize
Description	This attribute defines the memory device size in KB. Zero indicates no memory installed and 2,147,483,647 indicates an unknown memory size.
Syntax	DellUnsigned32BitRange
Access	Read only

Memory Device Speed

Name	memoryDeviceSpeed
Object ID	.1.3.6.1.4.1.674.10892.1.1100.50.1.15
Description	This attribute defines the memory device speed in nano seconds. Zero indicates an unknown speed.
Syntax	DellUnsigned32BitRange
Access	Read only

Memory Device Total Data Bus Width

Name	memoryDeviceTotalBusWidth
Object ID	.1.3.6.1.4.1.674.10892.1.1100.50.1.16
Description	This attribute defines the total number bits, including ECC, used by the memory device. 2,147,483,647 indicates an unknown number of bits.
Syntax	DellUnsigned32BitRange
Access	Read only

Memory Device Total Data Bus Width

Name	memoryDeviceTotalDataBusWidth
Object ID	.1.3.6.1.4.1.674.10892.1.1100.50.1.17

Description	This attribute defines the total number of data bits used by the memory device. 2,147,483,647 indicates an unknown number of bits.
Syntax	DellUnsigned32BitRange
Access	Read only

Memory Device Manufacturer Name

Name	memoryDeviceManufacturerName
Object ID	.1.3.6.1.4.1.674.10892.1.1100.50.1.21
Description	This attribute defines the manufacturer of the memory device.
Syntax	DellString
Access	Read only

Memory Device Part Number Name

Name	memoryDevicePartNumberName
Object ID	.1.3.6.1.4.1.674.10892.1.1100.50.1.22
Description	This attribute defines the manufacturer's part number for the memory device.
Syntax	DellString
Access	Read only

Memory Device Serial Number Name

Name	memoryDeviceSerialNumberName
Object ID	.1.3.6.1.4.1.674.10892.1.1100.50.1.23
Description	This attribute defines the serial number of the memory device.
Syntax	DellString
Access	Read only

Memory Device Asset Tag Name

Name	memoryDeviceAssetTagName
Object ID	.1.3.6.1.4.1.674.10892.1.1100.50.1.24
Description	This attribute defines the asset tag of the memory device.
Syntax	DellString
Access	Read only

Memory Device Speed Name

Name	memoryDeviceSpeedName
Object ID	.1.3.6.1.4.1.674.10892.1.1100.50.1.25
Description	This attribute defines the memory device speed in string format with units specified in the string.
Syntax	DellString
Access	Read only

PCI Device Table

Name	pCIDeviceTable
Object ID	.1.3.6.1.4.1.674.10892.1.1100.80
Description	This object defines the PCI Device Table.
Syntax	SEQUENCE OF PCIDeviceTableEntry
Access	Not accessible

PCI Device Table Entry

Name	pCIDeviceTableEntry
Object ID	.1.3.6.1.4.1.674.10892.1.1100.80.1
Description	This object defines the PCI Device Table Entry.

Syntax	PCIDeviceTableEntry
Access	Not accessible

PCI Device Chassis Index

Name	pCIDevicechassisIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1100.80.1.1
Description	This attribute defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read only

PCI Device Index

Name	pCIDeviceIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1100.80.1.2
Description	This attribute defines the index (one-based) of the PCI device.
Syntax	DellObjectRange
Access	Read only

PCI Device Status

Name	pCIDeviceStatus
Object ID	.1.3.6.1.4.1.674.10892.1.1100.80.1.5
Description	This attribute defines the status of the PCI device.
Syntax	INTEGER {other (1), unknown (2), ok (3), nonCritical (4), critical (5), nonRecoverable (6) }

Name	pCIDeviceStatus
Access	Read only

PCI Device Data Bus Width

Name	pCIDeviceDataBusWidth
Object ID	.1.3.6.1.4.1.674.10892.1.1100.80.1.7
Description	This attribute defines the width of the data bus of the PCI device.
Syntax	DellUnsigned32BitRange
Access	Read only

PCI Device Manufacturer Name

Name	pCIDeviceManufacturerName
Object ID	.1.3.6.1.4.1.674.10892.1.1100.80.1.8
Description	This attribute defines the name of the manufacturer of the PCI device.
Syntax	DellString
Access	Read only

PCI Device Description Name

Name	pCIDeviceDescriptionName
Object ID	.1.3.6.1.4.1.674.10892.1.1100.80.1.9
Description	This attribute defines the description of the PCI device.
Syntax	DellString
Access	Read only

PCI Device Speed

Name	pCIDeviceSpeed
Object ID	.1.3.6.1.4.1.674.10892.1.1100.80.1.10
Description	This attribute defines the bus speed in MHz of the PCI device. Zero indicates the speed is unknown.
Syntax	DellUnsigned32BitRange
Access	Read only

Network Device Table

Name	networkDeviceTable
Object ID	.1.3.6.1.4.1.674.10892.1.1100.90
Description	This object defines the Network Device Table.
Syntax	SEQUENCE OF NetworkDeviceTableEntry
Access	Not accessible

Network Device Table Entry

Name	networkDeviceTableEntry
Object ID	.1.3.6.1.4.1.674.10892.1.1100.90.1
Description	This object defines the Network Device Table Entry.
Syntax	NetworkDeviceTableEntry
Access	Not accessible

Network Device Chassis Index

Name	networkDeviceChassisIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1100.90.1.1

Description	This attribute defines the index (one-based) of the chassis that contains the network device.
Syntax	DellObjectRange
Access	Read only

Network Device Index

Name	networkDeviceIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1100.90.1.2
Description	This attribute defines the index (one-based) of the network device.
Syntax	DellObjectRange
Access	Read only

Network Device Connection Status

Name	networkDeviceConnectionStatus
Object ID	.1.3.6.1.4.1.674.10892.1.1100.90.1.4
Description	This attribute defines the connection status of the network device.
Syntax	INTEGER {connected(1), disconnected(2), driverBad(3), driverDisabled(4), hardwareInitalizing(10), hardwareResetting(11), hardwareClosing(12), hardwareNotReady(13) }
Access	Read only

Network Device Description Name

Name	networkDeviceDescriptionName
Object ID	.1.3.6.1.4.1.674.10892.1.1100.90.1.5

Name	networkDeviceDescriptionName
Description	This attribute defines the description of the network device.
Syntax	DellString
Access	Read only

Network Device Vendor Name

Name	networkDeviceVendorName
Object ID	.1.3.6.1.4.1.674.10892.1.1100.90.1.7
Description	This attribute defines the name of the vendor of the network device.
Syntax	DellString
Access	Read only

Network Device Service Name

Name	networkDeviceServiceName
Object ID	.1.3.6.1.4.1.674.10892.1.1100.90.1.8
Description	This attribute defines the service name of the network device.
Syntax	DellString
Access	Read only

Network Device Driver Image Path Name

Name	networkDeviceDriverImagePathName
Object ID	.1.3.6.1.4.1.674.10892.1.1100.90.1.9
Description	This attribute defines the path to the driver binary image for the network device.
Syntax	DellString
Access	Read only

Network Device Driver Version Name

Name	networkDeviceDriverVersionName
Object ID	.1.3.6.1.4.1.674.10892.1.1100.90.1.10
Description	This attribute defines the driver version for the network device.
Syntax	DellString
Access	Read only

Network Device IP Address

Name	networkDeviceIPAddress
Object ID	.1.3.6.1.4.1.674.10892.1.1100.90.1.11
Description	This attribute defines the IP address of the network device.
Syntax	IpAddress
Access	Read only

Network Device Subnet Mask

Name	networkDeviceIPSubnetMask
Object ID	.1.3.6.1.4.1.674.10892.1.1100.90.1.12
Description	This attribute defines the IP subnet mask for the IP address currently assigned to the network device.
Syntax	IpAddress
Access	Read only

Network Device Default Gateway IP Address

Name	networkDeviceDefaultGatewayIPAddress
Object ID	.1.3.6.1.4.1.674.10892.1.1100.90.1.13

Name	networkDeviceDefaultGatewayIPAddress
Description	This attribute defines the IP address of the default gateway for the network device.
Syntax	IpAddress
Access	Read only

Network Device DHCP Server IP Address

Name	networkDeviceDHCPServerIPAddress
Object ID	.1.3.6.1.4.1.674.10892.1.1100.90.1.14
Description	This attribute defines the IP address of the DHCP server that was used to obtain the IP address of the network device if DHCP is used to configure the network device.
Syntax	IpAddress
Access	Read only

Network Device Current MAC Address

Name	networkDeviceCurrentMACAddress
Object ID	.1.3.6.1.4.1.674.10892.1.1100.90.1.15
Description	This attribute defines the current MAC address of the network device.
Syntax	DellMACAddress
Access	Read only

Network Device Permanent MAC Address

Name	networkDevicePermanentMACAddress
Object ID	.1.3.6.1.4.1.674.10892.1.1100.90.1.16
Description	This attribute defines the permanent MAC address of the network device.
Syntax	DellMACAddress
Access	Read only

Slot Group

The Slot Group provides information about the types of slots that your system supports. This management information base (MIB) group also provides information about the voltages, capabilities, states, and settings that are possible for these slots.

Name	slotGroup
Object ID	.1.3.6.1.4.1.674.10892.1.1200

System Slot Table

Name	systemSlotTable
Object ID	.1.3.6.1.4.1.674.10892.1.1200.10
Description	This object defines the systemslot table.
Syntax	SEQUENCE OF SystemSlotTableEntry
Access	Not accessible

System Slot Table Entry

Name	systemSlotTableEntry
Object ID	.1.3.6.1.4.1.674.10892.1.1200.10.1
Description	This object defines the system slot table entry.
Syntax	SystemSlotTableEntry
Access	Not accessible

System Slot Chassis Index

Name	systemSlotchassisIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1200.10.1.1
Description	This attribute defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read only

System Slot Index

Name	systemSlotIndex
Object ID	.1.3.6.1.4.1.674.10892.1.1200.10.1.2
Description	This attribute defines the index (one-based) of the system slot.
Syntax	DellObjectRange
Access	Read only

System Slot State Capabilities Unique

Name	systemSlotStateCapabilitiesUnique
Object ID	.1.3.6.1.4.1.674.10892.1.1200.10.1.3
Description	This attribute defines the state capabilities of the system slot.

Syntax	<pre> INTEGER {systemSlotHotPlugIsUnknown(1), systemSlotHotPlugIsHotPluggableCapable(2), systemSlotHotPlugCanBePoweredOn(4), systemSlotHotPlugCanSignalAttention(8), systemSlotHotPlugCanSignalPowerFault(16), systemSlotHotPlugCanSignalAdapterPresent(32), systemSlotHotPlugCanSignalPowerButtonPressed(64), canSupportAllHotPlugCapabilities(126), systemSlotCanProvide5Volts(128), systemSlotCanProvide3Point3Volts(256), systemSlotCanSignalIfShared(512), systemSlotCanSupportCard16(1024), systemSlotCanSupportCardBus(2048), systemSlotCanSupportZoomVideo(4096), systemSlotCanSupportModemRingResume(8192), systemSlotCanSupportPMESignal(16384), canSupportAllSlotCapabilities(32640), canSupportAllSlotAndAllHotPlugCapabilities(32766) } </pre>
Access	Read only

System Slot State Settings Unique

Name	systemSlotStateSettingsUnique
Object ID	.1.3.6.1.4.1.674.10892.1.1200.10.1.4
Description	This attribute defines the state settings of the system slot.

Syntax	<pre> INTEGER {systemSlotHotPlugIsUnknown(1), systemSlotHotPlugIsHotPluggable(2), systemSlotHotPlugIsPoweredOn(4), systemSlotHotPlugIsAtAttention(8), systemSlotHotPlugHasPowerFaulted(16), systemSlotHotPlugAdapterIsPresent(32), systemSlotHotPlugAdapterPresentAndPoweredOn(36), systemSlotHotPlugPowerButtonPressed(64), systemSlotProvides5Volts(128), systemSlotProvides3Point3Volts(256), systemSlotIsShared(512), systemSlotSupportsCard16(1024), systemSlotSupportsCardBus(2048), systemSlotSupportsZoomVideo(4096), systemSlotSupportsModemRingResume(8192), systemSlotSupportsPMESignal(16384), supportsPMEand3P3Vand5VandHotPluggable(16770), supportsPMEand3P3Vand5VhasAdapterOn(16804), supportsPMEand3P3Vand5VhasAdapterOnandisHotPluggable(16806), supportsPMEand3P3VIsSharedand5VhasAdapterOnandHotPluggable(17316)} </pre>
Access	Read and write

System Slot Status

Name	systemSlotStatus
Object ID	.1.3.6.1.4.1.674.10892.1.1200.10.1.5
Description	This attribute defines the status of the system slot.

Syntax	INTEGER {other (1), unknown (2), ok (3), nonCritical (4), critical (5), nonRecoverable (6) }
Access	Read only

System Slot Current Usage

Name	systemSlotCurrentUsage
Object ID	.1.3.6.1.4.1.674.10892.1.1200.10.1.6
Description	This attribute defines the current usage of the system slot.
Syntax	INTEGER {systemSlotUsageIsOther (1), systemSlotUsageIsUnknown (2), systemSlotUsageIsAvailable (3), systemSlotUsageIsInUse (4) }
Access	Read only

System Slot Type

Name	systemSlotType
Object ID	.1.3.6.1.4.1.674.10892.1.1200.10.1.7
Description	This attribute defines the type of the system slot.

Syntax

```
INTEGER {systemSlotIsOther(1),
systemSlotIsUnknown(2),
systemSlotIsISA(3),
systemSlotIsMCA(4),
systemSlotIsEISA(5),
systemSlotIsPCI(6),
systemSlotIsPCMCIA(7),
systemSlotIsVLVES(8),
systemSlotIsProprietary(9),
systemSlotIsProcessorCard(10),
systemSlotIsProprietaryMemory(11),
systemSlotIsIORiserCard(12),
systemSlotIsNuBUS(13),
systemSlotIsPCI66MHz(14),
systemSlotIsAGP(15),
systemSlotIsAGP2X(16),
systemSlotIsAGP4X(17),
systemSlotIsPC98C20(18),
systemSlotIsPC98C24(19),
systemSlotIsPC98E(20),
systemSlotIsPC98LocalBus(21),
systemSlotIsPC98Card(22),
systemSlotIsPCIX(23),
systemSlotIsPCIExpress(24),
systemSlotIsAGP8X(25),
systemSlotIsPCIExpressX1(166),
systemSlotIsPCIExpressX2(167),
systemSlotIsPCIExpressX4(168),
systemSlotIsPCIExpressX8(169),
systemSlotIsPCIExpressX16(170),
systemSlotIsPCIExpressGen2(171),
systemSlotIsPCIExpressGen2X1(172),
systemSlotIsPCIExpressGen2X2(173),
systemSlotIsPCIExpressGen2X4(174),
systemSlotIsPCIExpressGen2X8(175),
systemSlotIsPCIExpressGen2X16(176)
}
```

AccessRead only

System Slot External Slot Name

Name	systemSlotSlotExternalSlotName
Object ID	.1.3.6.1.4.1.674.10892.1.1200.10.1.8
Description	This attribute defines the name of the external connector name of the system slot.
Syntax	DellString
Access	Read only

System Slot Length

Name	systemSlotLength
Object ID	.1.3.6.1.4.1.674.10892.1.1200.10.1.9
Description	This attribute defines the length of the system slot.
Syntax	INTEGER {systemSlotLengthIsOther(1), systemSlotLengthIsUnknown(2), systemSlotLengthIsShort(3), systemSlotLengthIsLong(4)} }
Access	Read only

System Slot Slot ID

Name	systemSlotSlotID
Object ID	.1.3.6.1.4.1.674.10892.1.1200.10.1.10
Description	This attribute defines the slot identification number of the system slot.
Syntax	DellUnsigned32BitRange
Access	Read only

System Slot Category

Name	systemSlotCategory
Object ID	.1.3.6.1.4.1.674.10892.1.1200.10.1.11
Description	This attribute defines the category of the system slot.
Syntax	<pre>INTEGER {systemSlotCategoryIsOther(1), systemSlotCategoryIsUnknown(2), systemSlotCategoryIsBusConnector(3), systemSlotCategoryIsPCMCIA(4), systemSlotCategoryIsMotherboard(5) }</pre>
Access	Read only

System Slot Hot-Plug Bus Width

Name	systemSlotHotPlugBusWidth
Object ID	.1.3.6.1.4.1.674.10892.1.1200.10.1.12
Description	This attribute defines the bus width of the hot plug system slot.
Syntax	<pre>INTEGER {busWidthIsOther(1), busWidthIsUnknown(2), busWidthIs8bits(3), busWidthIs16bits(4), busWidthIs32bits(5), busWidthIs64bits(6), busWidthIs128bits(7), busWidthIs1xOrx1(8), busWidthIs2xOrx2(9), busWidthIs4xOrx4(10), busWidthIs8xOrx8(11), busWidthIs12xOrx12(12), busWidthIs16xOrx16(13), busWidthIs32xOrx32(14) }</pre>
Access	Read only

System Slot Hot-Plug Slot Speed

Name	systemSlotHotPlugSlotSpeed
Object ID	.1.3.6.1.4.1.674.10892.1.1200.10.1.13
Description	This attribute defines the slot speed in MHz of the hot plug system slot. Zero indicates the slot speed is unknown.
Syntax	DellUnsigned32BitRange
Access	Read only

System Slot Hot-Plug Adapter Speed

Name	systemSlotHotPlugAdapterSpeed
Object ID	.1.3.6.1.4.1.674.10892.1.1200.10.1.14
Description	This attribute defines the adapter speed in MHz of the hot plug system slot. Zero indicates the adapter speed is unknown.
Syntax	DellUnsigned32BitRange
Access	Read only

SNMP Traps

The Client Instrumentation generates events that result in Simple Network Management Protocol (SNMP) traps or operating system event logs. This section describes the traps, also known as alerts, generated by the Client Instrumentation.

The Client Instrumentation generates events in response to changes in the status of sensors and other monitored parameters. When an event with predefined characteristics occurs on your system, the SNMP subagent sends information about the event, along with trap variables, to the management console.

Each status change event generates a unique identifier called the TrapID and a trap description that describes the event. The TrapID and message uniquely describe the severity and cause of the event. The TrapID and description also provide other relevant information such as the location of the event and the previous state of the monitored item.

Trap Variables

This section describes the variables that are sent to the management console to provide additional information about a trap or alert generated by some event on your system. The trap variables listed here apply to all Instrumentation traps. Trap variables are sent in the order listed and are reserved for use only in traps. When a varbind is created for a trap variable, a zero is appended to the object ID (OID) to create the OID for the varbind.

Alert Chassis Intrusion Normal

Variable Name	alertChassisIntrusionNormal
Object ID	baseboardGroup (.1.3.6.1.4.1.674.10892.1)
Description	Chassis intrusion has returned to normal.
Variables	alertSystem, alertTableIndexOID, alertMessage, alertCurrentStatus, alertPreviousStatus, alertData

Alert Chassis Intrusion Detected

Variable Name	alertChassisIntrusionDetected
Object ID	baseboardGroup (.1.3.6.1.4.1.674.10892.1)
Description	Chassis intrusion has been detected.
Variables	alertSystem, alertTableIndexOID, alertMessage, alertCurrentStatus, alertPreviousStatus, alertData
