

Advantech AE Technical Share Document

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Category	<input checked="" type="checkbox"/> FAQ <input type="checkbox"/> SOP	Related OS	N/A
Abstract	System Inventory of BMC WebGUI Contains Incorrect Information		
Keyword	IPMI, BMC, IPMI-2000, ASMB-787, ASMB-587, System Inventory		
Related Product	ASMB-587, ASMB-787		

■ Introduction

System Inventory of BMC WebGUI shows incorrect information. The information can be null, meaning less, or incorrect contents.

■ Examples of Incorrect Information:

System Inventory

Home > System Inventory

System

Processor

Memory Controller

BaseBoard

Power

Thermal

PCIe Device

PCIe Function

Storage

Processor Info

Id	Name	Manufacturer	MaxSpeedMHz	Model	ProcessorArchitecture	ProcessorType	Socket	EffectiveFamily	TotalCores	State
DevType1_CPU0	DevType1_CPU0	Intel(R) Corporation	8300	Undefined	x86	CPU	U3E1	Intel(R) Xeon(R) W-1270TE CPU @ 2.00GHz	8	Enabled

System Inventory

Home > System Inventory

System

Processor

Memory Controller

BaseBoard

Power

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PCIe Device

PCIe Function

Storage

Memory Controller Info

Id	Name	Capacity MiB	Manufacturer	Serial Number	Part Number	State	OperatingSpeed Mhz	Memory Type	Description	AllowedSpeed MHz	Device Locator
DevType2_DIMM1	DevType2_DIMM1	4096	04CB	51ED0100		Enabled	2400	DDR4	NA	NA	ChannelA-DIMM1
DevType2_DIMM3	DevType2_DIMM3	0	NA	NA	NA	Absent	0	DDR4	NA	NA	ChannelB-DIMM1
DevType2_DIMM2	DevType2_DIMM2	0	NA	NA	NA	Absent	0	DDR4	NA	NA	ChannelB-DIMM0
DevType2_DIMM0	DevType2_DIMM0	0	NA	NA	NA	Absent	0	DDR4	NA	NA	ChannelA-DIMM0

System Inventory

- System
- Processor
- Memory Controller
- BaseBoard
- Power
- Thermal
- PCIE Device
- PCIE Function**
- Storage

PCIE Function Info

Id	Name	Device Linked	Device Class	Class Code	Device Id	Vendor Id	Function Id	Revision Id	Sub System Id	Sub System Vendor Id	State
DevType3_RP01_DevIndexB	DevType3_RP01_DevIndexB	00_00_1C	Bridge	0x060400	0x06B8	0x8086	0	0xF0	0x0000	0x0000	Enabled
DevType3_RP08_DevIndex10	DevType3_RP08_DevIndex10	00_00_1C	Bridge	0x060400	0x06BF	0x8086	7	0xF0	0x0000	0x0000	Enabled
DevType3_RP06_DevIndexC	DevType3_RP06_DevIndexC	00_00_1C	Bridge	0x060400	0x06BD	0x8086	5	0xF0	0x0000	0x0000	Enabled
DevType3_RP07_DevIndexE	DevType3_RP07_DevIndexE	00_00_1C	Bridge	0x060400	0x06BE	0x8086	6	0xF0	0x0000	0x0000	Enabled
DevType3_LAN4_DevIndex11	DevType3_LAN4_DevIndex11	00_04_00	NetworkController	0x020000	0x1533	0x8086	0	0x03	0x0000	0xFFFF	Enabled
DevType3__DevIndex17	DevType3__DevIndex17	00_09_00	DisplayController	0x030000	0x2000	0x1A03	0	0x52	0x2000	0x1A03	Enabled
DevType3_RP13_DevIndex13	DevType3_RP13_DevIndex13	00_00_1D	Bridge	0x060400	0x06B4	0x8086	4	0xF0	0x0000	0x0000	Enabled
DevType3_RP09_DevIndex12	DevType3_RP09_DevIndex12	00_00_1D	Bridge	0x060400	0x06B0	0x8086	0	0xF0	0x0000	0x0000	Enabled
DevType3_RP14_DevIndex15	DevType3_RP14_DevIndex15	00_00_1D	Bridge	0x060400	0x06B5	0x8086	5	0xF0	0x0000	0x0000	Enabled

■ Root Cause and Solution

The unexpected information is due to the entire System Inventory page has not been 100% ready yet. Please ignore all the information from System Inventory page, and it'll be improved and revised in future released BMC firmware version.