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SuperServer 2026TT-HIBQRF

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▶
[Systems](#)
▶
[2U](#)
▶
[\[2026TT-HIBQRF \]](#)



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▶ [BIOS](#)
▶ [Tested Memory / HDD](#)
▶ [Manuals](#)

Note: Image above may show a varied configuration or optional parts, Please refer to parts list for standard parts included.

Specifications

Product SKUs	
SYS-2026TT-HIBQRF	SuperServer 2026TT-HIBQRF (Black)
Motherboard	
4x Super X8DTT-HIBQF+	
Processor/Cache	
CPU	- Dual 1366-pin LGA Sockets - Supports up to two Intel® 64-bit Xeon® processor(s) of the same type below:
	Intel® Xeon® Processor X5600/E5600 /L5600 Series (Westmere) 40W - 95W
	Intel® Xeon® Processor X5500/E5500 /L5500 Series (Nehalem-EP) 38W - 95W
QPI	up to 6.4 GT/s
System Memory	
Memory Capacity	12x 240-pin DIMM sockets - Supports up to 192 GB** 1333 / 1066 / 800MHz DDR3 ECC Registered memory - Supports up to 48 GB 1333 / 1066 / 800MHz DDR3 ECC / Non ECC Unbuffered memory - Memory Mirroring supported
Memory Type	1333 / 1066 / 800MHz ECC Registered / ECC or Non ECC Unbuffered DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs
DIMM Sizes	1GB, 2GB, 4GB , 8GB**, 16GB**
Memory Voltage	1.5 V
Error Detection	- Corrects single-bit errors - Detects double-bit errors (using ECC memory) - Supports Intel® x4 and x8 Single Device Data Correction (SDDC)
On-Board Devices (per Node)	
Infiniband	Mellanox ConnectX QDR Infiniband 40Gbps Controller
Chipset	- Intel® 5520 (Tylersburg) chipset - ICH10R + IOH-36D
SATA	- Intel ICH10R SATA 3.0Gbps Controller - RAID 0, 1, 5, 10 support
IPMI	- Support for Intelligent Platform Management Interface v.2.0 - IPMI 2.0 with virtual media over LAN and KVM-over-LAN support - Nuvoton WPCM450 BMC
Network Controllers	- Dual Intel® 82574L Gigabit Ethernet Controller - Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output 1x Realtek RTL8201N PHY (dedicated IPMI)
Graphics	Matrox G200eV
Super I/O	Winbond W83527HG chip
Clock Generator	932S421 chip
Input / Output (per Node)	
Serial ATA	- Six Serial ATA ports 6 SATA hard drives supported
LAN	2x RJ45 LAN ports 1x RJ45 Dedicated IPMI LAN port
USB	2 rear + 1 header (2 Ports) 4 total USB ports, 2.0 Compliant / 1.1 Compliant
VGA	1x VGA Port
Serial Port	1 Fast UART 16550 serial port
Infiniband	1 External QSFP Infiniband Connector
System BIOS (per Node)	
BIOS Type	32Mb SPI Flash EEPROM with AMI® BIOS
BIOS Features	- Plug and Play (PnP) - PCI 2.2 - ACPI up to 3.0 - USB Keyboard support

Chassis	
Form Factor	2U Rackmount
Model	CSE-217HQ-R1400B
Dimensions	
Height	3.47" (88mm)
Width	17.25" (438mm)
Depth	26.75" (679mm)
Gross Weight	85 lbs (38.6kg)
Available Colors	Black
Front Panel (per Node)	
Buttons	- Power On/Off button - UID button
LEDs	- Power LED (on power button) - Network activity LED - System Overheat/fan fail/power fail/ LED - UID LED (on UID button)
Expansion Slots (per Node)	
PCI-Express	1 (x16) PCI-E (Low Profile)
Drive Bays (per Node)	
Hot-swap	6x 2.5" SATA Hot-swap drive bays
Hard drive Backplane	
2U Hard drive Backplane	
System Cooling	
Fans	4x Cooling Fans
Power Supply	
Redundant 1400W high-efficiency power supply with PMBus	
AC Input	1200W: 100 - 140V, 50 - 60Hz, 10.5 - 14.7 Amp 1400W: 180 - 240V, 50 - 60Hz, 7.2 - 9.5 Amp
DC Output +5V standby	6 Amp
DC Output +12V	100 Amp @ 100-140V 117 Amp @ 180-240V
Certification	80 PLUS Gold Certified [Test Report]
PC Health Monitoring	
CPU	- Monitors for CPU Cores,+1.5V, +3.3V, +5V, +12V, +5 Stdby, +3.3 Stdby, VBAT, Memory Voltages. - CPU Core 6-Phase-switching voltage regulator
FAN	- Total of four 4-pin PWM fans 4x fans with tachometer monitoring - Status monitor for speed control - Status monitor for on/off control - Low noise fan speed control
Temperature	- Monitoring for CPU and chassis environment - CPU thermal trip support - Thermal Control for 4x Fan Connectors - PSU I²C temperature sensing logic - Thermal Monitor 2 (TM2) support - PECI
LED	- Power Fail / Overheat LED - Suspend-state Indicator LED - UID LED
Other Features	SDDC Support
Operating Environment / Compliance	
RoHS	RoHS Compliant
Environmental Spec.	- Operating Temperature: 10°to 35°C (50°to 95°F) - Non-operating Temperature: -40°to 70°C (-40°to 158°F) - Operating Relative Humidity: 8% to 90% (non-condensing) - Non-operating Relative Humidity: 5 to 95% (non-condensing)

Parts List

Parts List - (Items Included)			
	Part Number	Qty	Description
Motherboard / Chassis	MBD-X8DTT-HIBQF+	4	Super X8DTT-HIBQF+ Motherboard
	CSE-217HQ-R1400B	1	2U Black Chassis
Air Shroud	MCP-310-82710-0B	4	2U Air Shroud
Backplane	BPN-827ADP-X8-H+	4	BPN-SASADPûSAS827-X8DTT-H+;no cable req
Backplane	BPN-SAS-217HQ	1	Support 24x2.5ö SAS/SATA hard drives
CD	CDR-X8	1	For X8 series
Riser Card	RSC-R1U-E16R	4	RSC-R1U-E16R
Heatsink / Retention	SNK-P0037P	8	1U PASSIVE CPU HS FOR INTEL LGA1366 (HTP)
Power Supply	PWS-1K41P-1R	2	1400W 1U GOLD LEVEL PWS VW PM BUS & VVX3
Drive Tray(s)	MCP-220-00047-0B	24	Black gen 3 hot swap 2.5" HDD tray
Mounting Rails	MCP-290-00053-0N	1 set	Rail set, quick/quick, default for 2,3U 17.2"VV

** Please check '[Tested Memory List](#)' for compatibility