

HPC-2820-ISSE

2U Intel® Quad Core Xeon® Server supports 8 SAS/ SATA Hot-swappable HDDs



Features

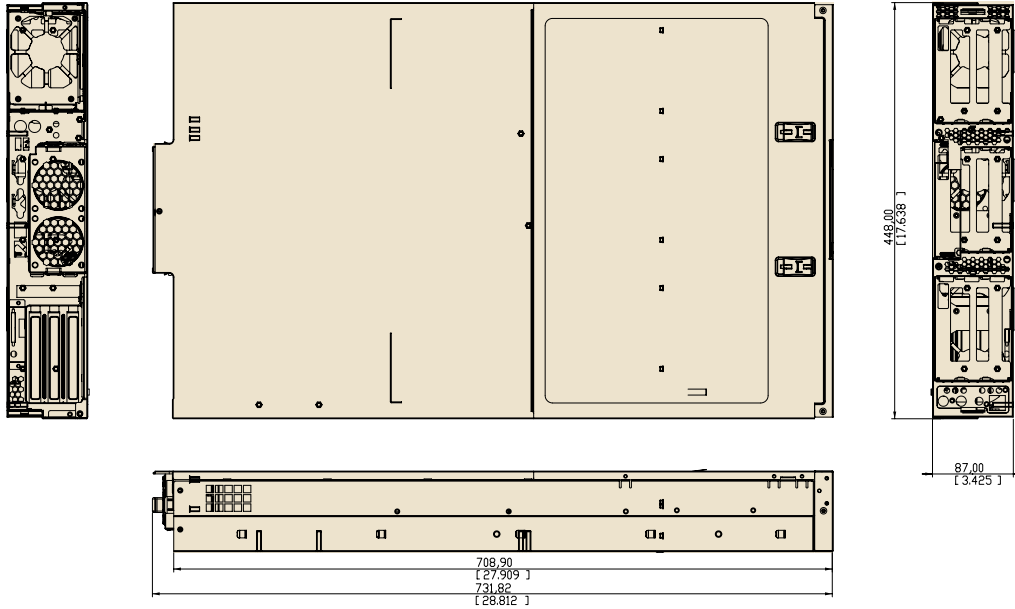
- Supports advanced Intel® Dual Core 5000/5100 and Quad Core 5300 family Xeon® processors
- Maximize system performance with high memory capacity up to 48 GB
- High expandability with three expansion slots
- Massive storage with eight hot-swappable SATA/SAS HDD bays
- Built-in 750 W single power supply

FCC CE UL cUL

Specifications

Processor System	CPU	Intel Dual Core 5000/5100 and Quad Core 5300 family Xeon processor
	Max. Speed	3.0 GHz
	Front Side Bus	667/1066/1333 MHz
	L2 Cache	2 x 2 MB or 4 MB L2 cache
	Chipset	Intel 5000P MCH Intel 6321 ICH Intel 6702 PXH
Expansion Slot (via riser card)	PCI	2 x Full-Height/Full-Length 64-bit PCI-X
	PCIe	1 x Full-Height/Full-Length PCI Express x8 slot
Memory	Technology	Four Channel ECC Reg. DDR2 533/667 FBD SDRAM
	Max. Capacity	Maximum up to 48 GB
	Socket	12
Graphic	Controller	ATI ES1000 VGA Controller
	VRAM	16 MB DDR VRAM
Storage	SAS Controller	LSI 1068 PCI-X 8-port SAS controller: Supports RAID 0, 1, 1E (RAID 5 only with optional ZCR)
	HDD Bays	Supports 8 x Hotswap SAS/ SATA HDDs
	Optical Drive	Slim Type DVD-ROM
Ethernet	Interface	10/100/1000Base-T
	Controller	Intel 82563EB PCIe Dual-port GbE
	Connector	2 x RJ-45
I/O Connectors	Serial Port	1
	RJ-45	2
	USB	4 x USB 2.0 ports (Front x 2, Rear x 2)
	VGA	1
	PS/2 Keyboard	1
	PS/2 Mouse	1
Power Supply	Power Supply	750 W Single ATX
Environment	Temperature	Operating: 10 ~ 35° C / Non-Operating: -40 ~ 70° C
	Humidity	Non-Operating: 20% ~ 90% (Non-Condensing)
Physical Characteristics	Dimensions (D x W x H)	732 x 448 x 87.7 mm (28.8" x 17.6" x 3.42")
	Net Weight	19.7 kg

Dimensions



SCALE 0,450

Unit: mm (inch)

Ordering Information

Model Name	Server board	DVD-ROM FDD	PSU	CPU	RAM	HDD
HPC-2820-ISSE	Yes	Yes	Yes	-	-	-

* CPU cooler is not included. Please must order CPU cooler separately or use Intel certified box CPU cooler for Xeon.

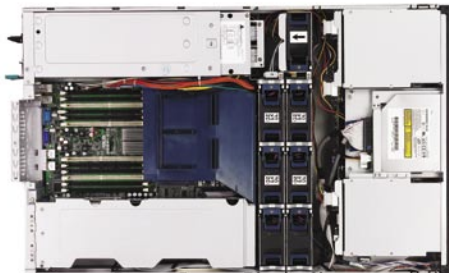
Front View



Rear View



Top View



Standard Accessories

Item	Quantity
Air duct	x 1
Slide rail	x 1
COM port cable	x 1
US power cord	x 1
Driver CD	x 1
Manual	x 1

Optional Accessories

Part Number	Description
9680003806	ZCR module for SAS RAID 5 (PCI-X card)
9680003785	IPMI 2.0 server management board (SODIMM type)
1757000798	750W power module for redundant power
1960010063	CPU cooler for HPC-2820-ISSE