

HPC-7483-S923

4U GPU Server System With Dual Intel® Xeon® E5-2600 v3/v4 CPU, Supporting up to 4* GPU Cards and 2000W RPS



Features

- 7 years longevity support- Revision control
- 0 ~ 35 °C operating temperature
- Reliable resume from AC power loss function
- Supports Intel® Xeon® E5-2600 v3/v4 Series CPUs
- Quad channel DDR4 2133 MHz ECC & Registered DIMMs up to 256 GB
- Supports up to 4* Double-depth GPU cards
- 2000W 1+1 Redundant PSU with 80 PLUS Platinum level
- IPMI remote management

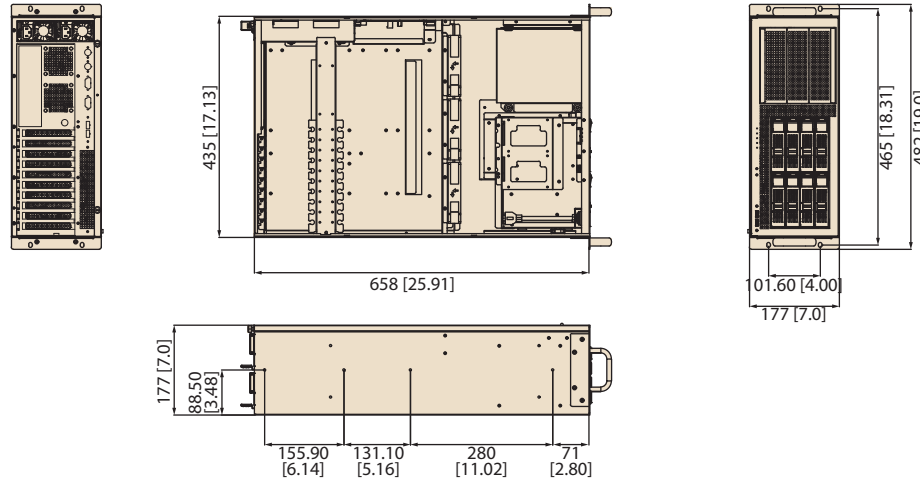
CE FCC

Specifications

Processor System	CPU type	Intel Xeon E5-2600 v3/v4 processor	
	CPU socket	Intel LGA-2011-R3	
	Memory	DDR4 ECC-REG 2133/1866/1600 MHz RDIMMs, maximum 256 GB	
	Chipset	Intel C612 Chipset	
Graphics	Controller	Aspeed AST2400	
	VRAM	64 MB	
Expansion Slot	PCIe x16 (Gen 3.0)	4 (Slot 3, Slot 5 and Slot 7 for GPU cards)	
	PCIe x8 (Gen 3.0)	2 (Slot 2, Slot 6)	
	PCIe x4 (Gen 2.0)	1 (Slot 4) from PCH	
	PCIe x1 (Gen 2.0)	-	
Drive Bay	Slime Odd Bay	-	
	5.25" Front-Accessibl	3	
	3.5"/2.5" Hot-swappable	8	
	2.5" Internal	2	
Ethernet	Interface	10/100/1000 Mbps Gigabit Ethernet	
	Controller	2 x Intel I210AT	
Remote Management		IPMI, Advantech Remote Monitoring Utility	
Front I/O Interface	USB	2 x USB3.0	
Rear I/O Interface	USB	4 (2 x USB3.0 + 2 x USB2.0)	
	PS/2	2	
	COM	1	
	Display	1 x VGA	
	Parallel	-	
	RJ-45	3 (1 port dedicated for IPMI function)	
Watchdog Timer	Output	Interrupt, system reset	
	Interval	Programmable, 1~255 sec	
Power Supply	Power Output Wattage	80 PLUS Platinum 1800W 1+1 redundant Power Supply 1000W @ 100 ~ 127V 1800W @ 200 ~ 240V	
	Input Range	AC 100 ~ 240 V	
Cooling	Chassis Fan	3 x 12cm system fan in middle fan bar 2 x 8cm system fan in rear window	
	Air Filter	-	
Miscellaneous	LED Indicators	Power status, HDD activity, LAN activity	
	Remote Management	IPMI, Advantech Remote Monitoring Utility	
Environment	Temperature	Operating 0 ~ 35 °C (32 ~ 95 °F)	Non-Operating -20 ~ 60 °C (-4 ~ 140 °F)
	Humidity	10 ~ 85% @ 40 °C	
	Vibration (5 ~ 500 Hz)	1 Grms	
	Shock (with 11 ms du ration, half sine wave)	10G	
Physical Characteristics	Dimension (W x H x D)	482 x 177 x 448 mm (17.1" x 6.9" x 25.9")	

Dimensions

Unit: mm



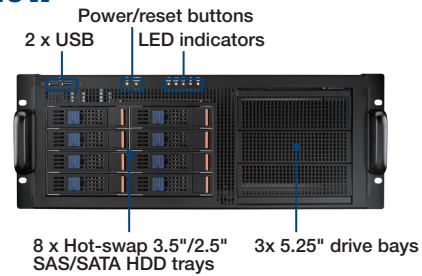
Ordering Information

Part Number	Description	Quantity
HPC-7483-20RX	With redundant 1+1 2000W power supply	1
ASMB-923I-00A1E	LGA 2011-R3 EATX server board	1
98R1748300E	Rear side 8cm fan kit for high-watt GPU cards	1

Packing List

Part number	Description	Quantity
1750008306-01	12cm system fan (Pre-installed)	3
9661831600E	3.5" HDD Trays (Pre-installed)	8
1700025828-01	PDB CN1 connector to MB 4pin or 8pin 12V connector of PCIe slot	1
2066923100	Driver CD	1
2006923110	Startup manual	1
1700003194	SATA data cables	2
1703150102	SATA power cables	2
1700019748	CPU power cable(8P)	2
1960052312T010	I/O shield	1

Front View



Rear View



Optional Accessories

Cable request for optional device	Part number	Description	Quantity
5.25" to 3.5" Convert HDD kit	Refer to the P-Trade web site	Mobile rack for converting dual 5.25" drive bays to three 3.5" SAS/SATA HDD Trays	1
	1700021733-01	SATA cable for optional ODD/HDD (65cm)	3
5.25" ODD or other SATA device	1700021733-01	SATA cable for optional ODD/HDD (65cm)	1
MB without RAID card	1700025861-01	Mini SAS HD 8643 to 4 ports SATA Cable (50cm)	2
MB with SAS2 RAID card	1700025440-01	Mini SAS HD 8643 to Mini SAS (85cm)	2
MB with SAS3 RAID card	1700025065-01	Mini SAS HD 8643 to Mini SAS HD 8643 (85cm)	2
The 2nd GPU card	1700025829-01	PDB 8P connector to 6+2 connector for GPU card (80cm)	2
The 3rd GPU card	1700025829-01	PDB 8P connector to 6+2 connector for GPU card (80cm)	2
The 4th GPU card	1700025829-01	PDB 8P connector to 6+2 connector for GPU card (80cm)	2
4 ports SATA HBA card	9691831620E	ASS'Y HPC-8316 SATA HBA Rev.A1 01	1
	1700021733-01	SATA cable for optional ODD/HDD (65cm)	4
Rear IO KMBS port	1700019268-11	A Cable M-DIN 6P(F)*2/1*6P-2.5	1
Rear IO COM port	1701092300	Dual RS-232 COM port cable	1
Rear IO USB port	1700024532-01	USB 3.0 dual port cable	1
	1700017849	USB 2.0 dual port cable	1
CPU cooler for 2U/4U	LGA-2011 square CPU cooler for 4U chassis (160W)	LGA-2011 square CPU cooler for 2U/4U chassis (145W)	
CPU cooler for 4U	1960065684N001	LGA-2011 square CPU cooler for 4U chassis (160W)	