HPC-7400-S813

4U GPU Server System With Intel® Xeon® E5-2600 v3/v4 CPU, Supporting up to 2* GPU Cards and 1400W RPS

CE FCC

Features

- 7 years longevity support- revision control
- 0 ~ 35 °C operating temperature
- Reliable resume from AC power loss function
- Supports Intel® Xeon® E5-2600/E5-1600 v3/v4 series CPUs
- Quad channel DDR4 2133 MHz ECC & registered DIMMs up to 256 GB
- Supports up to 2* GPU cards
- 1400W 1+1 redundant PSU with 80 PLUS Platinum level
- IPMI remote management

Specifications

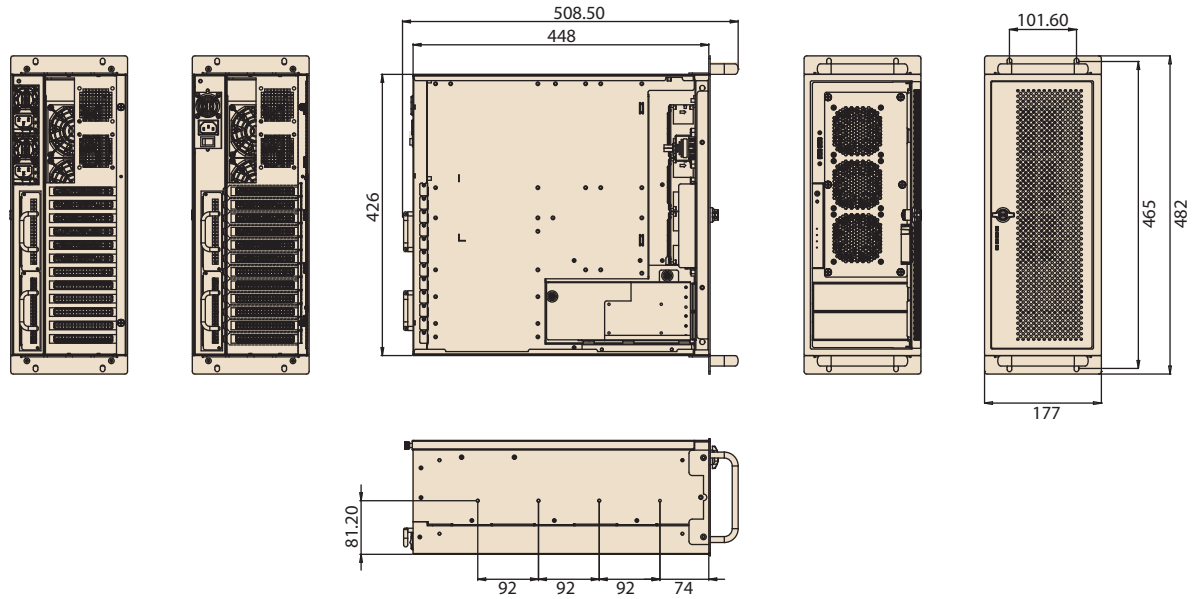
Processor System	CPU type	Intel Xeon E5-2600 / E5-1600 v3/v4 / Core i7 5800/5900/6800/6900 series processor	
	CPU socket	Intel LGA-2011-R3	
	Memory	DDR4 ECC-REG 2133/1866/1600 MHz RDIMMs, maximum 256 GB	
	Chipset	Intel C612 Chipset	
Graphics	Controller	Aspeed AST2400	
	VRAM	64 MB	
Expansion Slot	PCIe x16 (Gen 3.0)	2 (Slot 4 and Slot 6 for GPU cards)	
	PCIe x8 (Gen 3.0)	1 (Slot 2)	
	PCIe x4 (Gen 2.0)	1 (Slot 7) from PCH	
	PCIe x1 (Gen 2.0)	1 (Slot 1) from PCH	
Drive Bay	Slime Odd Bay	-	
	5.25" Front-Accessibl	2	
	3.5" Hot-swappable	-	
	2.5" Hot-swappable	-	
	3.5" Internal	2 (rear-accessible)	
	2.5" Internal	-	
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	6 (4 x USB3.0 + 2 x USB2.0)	
	PS/2	2	
	COM	1	
	Disaplay	1 x VGA	
	Parallel	-	
	RJ-45	3 (1 port dedicated for IPMI function)	
Watchdog Timer	Output	Interrup, system reset	
	Interval	Programmable, 1~255 sec	
Power Supply	Power Output Wattage	80 PLUS Platinum 1400W 1+1 redundant Power Supply 900W @ 100 ~ 120V 1400W @ 200 ~ 240V	
	Input Range	AC 100 ~ 240 V	
Cooling	Chassis Fan	3 (8cm / 142CFM) PWM fans (6cm) rear fans	
	Air Filter	Yes	
Miscellaneous	LED Indicators	Power status, HDD activity, LAN activity	
	Remote Management	IPMI, Advantech Remote Monitoring Utility	
Environment		Operating	Non-Operating
	Temperature	0 ~ 35 °C (32 ~ 95 °F)	-20 ~ 60 °C (-4 ~ 140 °F)
	Humidity	10 ~ 85% @ 35 °C	10 ~ 95% @ 40 °C
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock (with 11 ms du ration, half sine wave)	10G	
Physical Characteristics	Dimension (W x H x D)	482 x 177 x 448 mm (18.9" x 6.9" x 17.6")	

All product specifications are subject to change without notice.

Last updated: 27-Jun-2018

Dimensions

Unit: mm



Ordering Information

Part Number	Description	Quantity
HPC-7400MB-14A1E	4U chassis with redundant 1+1 1400W PSU	1
ASMB-813I-00A1E	LGA 2011-R3 ATX server board	1
1750007769-01	FAN 12V 80X80X38 14000 2W L250	3

Spare Parts

Parts number	Description
1990021256T00	Door filter
1750007769-01	8cm system fan
96PSRM-A1K4WMDU	1U 1400W 1+1 redundant power module, AC 100~240V (full range)
96PSR-1U-BKP-F1K4	1400W power distribution board for 96PSRM-A1K4WMDU

Optional Accessories

Parts number	Description
1700024754-01	GPU power cable (2*B4P Molex power connector to 6+2P PCIe power cable)
IPC-DT-5230E	Mobile rack for converting dual 5.25" drive bays to three 3.5" SAS/SATA HDD Trays
96RACK-5SS-CAGE-CR	Mobile rack for converting one 5.25" drive bays to four 2.5" SATA/SAS HDD Trays (Max. HDD height :15mm)
9680006903	20" Slide Rail (supports 75~100cm depth cabinet)
9680006904	24" Slide Rail (supports 90~110cm depth cabinet)
1700007032	Front dual USB 2.0 cable kit
1960063011N001	LGA-2011 CPU cooler (narrow type)

Front View

Rear View

With 1400W redundant power supply