HIPER Global

INTEL® SAPPHIRE RAPIDS

4U RACKMOUNT INTEL® XEON® SCALABLE GPU SERVER

PART NUMBER: SR-A-4U-6400

- Dual 2nd Gen Intel® Xeon® scalable processors
- 12 x DDR4 2666/2933 MHz ECC RDIMM/LRDIMM / Intel Optane DC Persistent Memory, up to 2TB
- Supporting 4 * PCIe x16 double-deck card + 1* PCIe x8 single-deck FH/HL card + 1*PCIe x4 card
- 2000W 1+1 redundant power supply with 80 PLUS Platinum level certification
- Easy maintenance system fan: 3 x 12CM system fan with easy maintenance feature

SPECIFICATION

Processor System	Chipset	Intel® C621A chipset
	CPU Type	Dual Socket P LGA-3647 2nd Gen Intel Xeon Scalable processors (TDP up to 205W*)
		BIOS V2.00 or above is required for 2nd Gen Xeon Scalable processors
	Memory Type	12 x DDR4 2666/2933 MHz ECC RDIMM/LRDIMM / Intel Optane DC Persistent Memory, up to 2TB
Graphics	Controller	Aspeed AST 2500
	VRAM	64 MB
Expansion Slot	Slot 1	PCIe x4 (Gen3 x 4 link)
	Slot 2	PCIe x16 slot (Gen3 x16 link), for double-deck 4.376"(H)/10.5"(L) expansion cards
	Slot 3	PCIe x4 (Gen3 x 4 link)
	Slot 4	PCIe x16 slot (Gen3 x16 link), for double-deck 4.376"(H)/10.5"(L) expansion cards
	Slot 5	PCIe x4 (Gen3 x 4 link)
	Slot 6	PCIe x16 slot (Gen3 x16 link), for double-deck 4.376"(H)/10.5"(L) expansion cards
	Slot 7	PCIe x4 (Gen3 x 4 link)
	Slot 8	PCIe x16 (Gen3 x 16 link), for double -deck 4.276"(H)/10.5"(L} expansion cards
	Slot 9	PCIe x8 (Gen3 x 8 link)
Drive Bay	2.5" (Internal)	2
	3.5" (Front Accessible)	-
	3.5" (Hot Swap)	8 (support 2.5"/3.5" drive)
Ethernet	Interface	10/100/1000 Mbps Gigabit
	Controller	2 x Intel I210AT
Front I/O Interface	USB	2 x USB 3.0
Rear I/O Interface	USB	4 x USB 3.0
	PS/2	-
	COM	1
	Display	1 x VGA
	RJ-45	2 (1 is sharing NIC for IPMI)
Internal Connector	USB	5 (2 USB3.0, 2 USB2.0, 1 USB 2.0 Type-A)
	COM	1
	LPC	1
Watchdog Timer	Output	System reset
	Interval	Programmable, 1~255 sec

Power Supply	Power Output Wattage	80 PLUS Platinum 2000W redundant Power Supply (Depends on input voltage)	
	Input Range	200-240VAC (Output: 1800W-1968W)	
Cooling	Chassis Fan	3 x 120 x 38 + 2 x 80 x 38	
	Air Filter	-	
Miscellaneous	LED Indicators	Power status, HDD activity, LAN1 & LAN2	
	Remote Management	Remote Monitoring Utility	
Environment		Operating	Non-Operating
	Temperature	0 ~ 35° C (32 ~ 85° F)	-20 ~ 60° C (-4 ~ 140° F)
		*0 ~ 30° C (32 ~ 85.9° F) for NVidia Tesla P100/V100	
	Humidity	95% @ 40° C	95% @ 60° C
	Vibration (5 ~ 500 Hz)	0.25Grms	2 G
	Shock	10G (with 11ms duration, half since wave)	
Physical Characteristics	Dimensions (W x H xD)	435 x 177 x 673 mm (17.12" x 6.96" x 26.49")	
	Package Dimensions (W x H x D)	705 x 345 x 905 (27.75" x 13.58" x 35.63")	
	Weight (N.W. / G.W.)	38 Kg / 41.75 Kg	
* CPU Max TDP support depends on CPU cooler selection			

The Power to Outperform

Would you like to find out more? Be sure to speak to our on-stand team or contact us via the details here and we would be happy to help.

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