SKY-6200

2U Rackmount Intel® Xeon® Scalable GPU Server, Supporting 4 x PCIe x16 Double-Deck FH/FL Cards or 8 x PCIe x8 Single-Deck FH/FL Cards



Features

- Processor: Dual 2nd Gen Intel Xeon Scalable processors
- Memory: 24 x DDR4 2666/2933 MHz ECC RDIMM/LRDIMM / Intel Optane DC Persistent Memory, up to 6TB
- Remote Management: IPMI function support
- Expansion: Supporting 4 x PCIe x16 double-deck card + 1 x PCIe x8 single-deck FH/HL card or 8 x PCIe x8 single-deck FH/10.5" + 1 x PCIe x8 single-deck FH/HL card
- PSU: 2000W 1+1 redundant power supply with 80 PLUS Platinum level certification

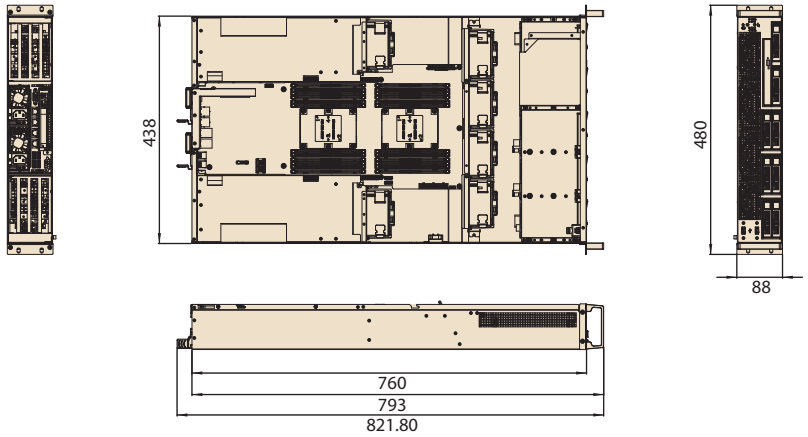
Specifications

Processor System	Chipset	Intel C622 Chipset	
	CPU Type	Dual Socket P LGA-3647 2nd Gen Intel Xeon Scalable processors (TDP up to 140W) BIOS V2.00 or above is required for 2nd Gen Xeon Scalable processors	
	Memory Type	24 x DDR4 2666/2933 ECC RDIMM/LRDIMM / Intel Optane DC Persistent Memory, up to 6TB	
Graphics	Controller	Aspeed AST2500	
	VRAM	64 MB	
Expansion Slot	Left Riser Card Cage	Two PCIe x16 slot (Gen3 x16 link) or four PCIe x16 slot (Gen3 x8 link) for FH/10.5" expansion card	
	Middle Riser Card Cage	One PCIe x8 slot (Gen3 x8 link) for FH/HL card	
	Right Riser card cage	Two PCIe x16 slot (Gen3 x16 link) or four PCIe x16 slot (Gen3 x8 link) for FH/10.5" expansion card	
Drive Bay	2.5" (Hot-swap)	8	
	3.5" (Front Accessible)	-	
	Slim ODD	1 (optional)	
	M.2 (2280)	1 (optional)	
Ethernet	Interface	2 x 10GbE + 2 x 10/100/1000 Mbps Gigabit Ethernet	
	Controller	2 x Intel I210AT + Intel X557-AT2 (dual 10GbE port)	
Front I/O Interface	USB	2 x USB2.0	
Rear I/O Interface	USB	4 x USB3.0	
	PS/2	-	
	COM	1 (cable optional)	
	Display	1 x VGA	
	RJ-45	4 (1 x GbE + 1 x 10G lan are share NIC for IPMI)	
Internal connector	Type-A USB	-	
	COM	2	
	LPC	1	
Watchdog Timer	Output	System reset	
	Interval	Programmable, 1~255 sec/min	
Power Supply	Power Output Wattage	80 PLUS Platinum 1+1 redundant Power Supply 1000W @ 100 ~ 127V 1800W @ 200 ~ 219V 1968W @ 220 ~ 240V	
	Input Range	AC 100 ~ 240 V	
Cooling	Chassis Fan	Two 80 x 38 high speed fans for CPU Four 80 x 38 high speed fans for UR/UL card cage	
	Air Filter	-	
Miscellaneous	LED Indicators	Power Status, LAN Status, System information LED	
	Remote Management	Advantech Remote Monitoring Utility	
Environment		Operating	Non-Operating
	Temperature	0 ~ 35 °C (32 ~ 95 °F)	-20 ~ 60 °C (-4 ~ 140 °F)
	Humidity	10 ~ 85% @ 40 °C	10 ~ 95% @ 40 °C
	Vibration (5 ~ 500 Hz)	0.25 Grms	2 G
	Shock	10G (with 11ms duration, half since wave)	
Physical Characteristics	Dimension (W x H x D)	438 x 88 x 760 (17.24" x 3.46" x 29.92")	
	Package Dimension (W x H x D)	625 x 305 x 965 (24.6" x 12" x 38")	
	Weight (N.W. / G.W.)	24 Kg / 25.26 Kg	

All product specifications are subject to change without notice.

Dimensions

Unit: mm [inch]



Ordering Information

Part Number	HDD	M.2 2280 (SATA+PCIe)	VGA Chip	GbE/10GbE LAN	IPMI	Power supply
SKY-6200-R20B1	8	1	AST 2500	2/2	Yes	2000W 1+1 RPS

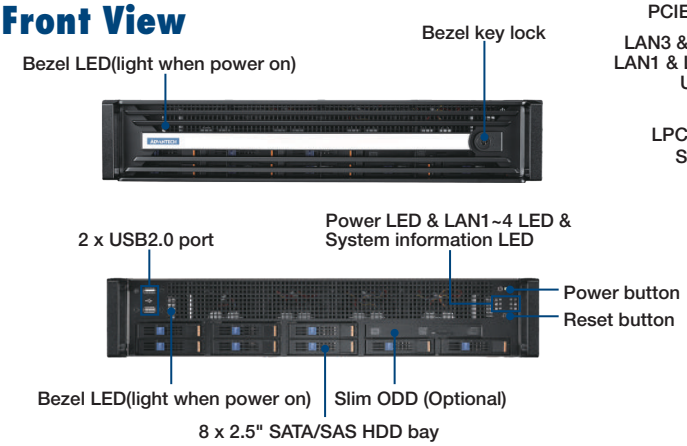
System Contents

Items	Advantech P/N	Quantity
CPU0 heatsink	1960081155N101	1
CPU1 heatsink	1960081155N111	1
CPU Carrier	1651003167-01	2
Power cable for expansion card (Pre-assembled in the system)	1700023022-01 1700028855-01	8 4
Startup manual	2001620010	1
Rackmount Kit (handle and Ear set)	N/A	2
2U Front Bezel	N/A	1

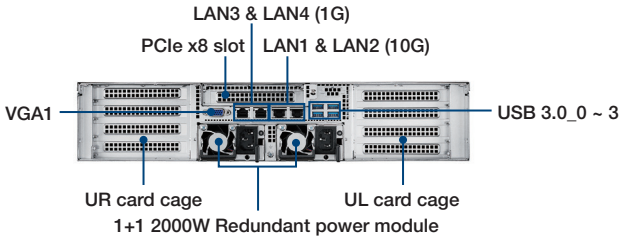
Optional Accessries

Items	Advantech P/N	Quantity
Slide rail kit	968AE00047	1
RAID card cable (Mini-SAS HD to Mini-SAS HD), 85cm	1700029339-01	2
UL Power core (125V,15A)	1700027928-01	2
BSMI Power Core (125V,15A)	1700027909-02	2
EU Power Core (250V,10A)	1702002605	2
12V2x6 power cable (300W), CPU8P (M) to 16Pin (VT type)	1700035590-01	1

Front View



Rear View



Inner View

