SKY-622G4

2U 4GPU MGX Server, support up to 4x H200 NVL, RTX PRO 6000 Blackwell



CE FCC

Features

- High density MGX GPU system up to 4x NVIDIA PCIe GPU with NVLink bridge support, 3x NICs and smartNICs
- Processor: Dual Intel® Xeon 6 Processors, TDP up to 350W
- Memory: 32x DDR5 6400 MHz RDIMM, up to 4TB
- Storage: 8x E1.S NVMe at front
- PSU: 6000 Watt 3+1 power supply with 80+ platinum level certification

Specifications

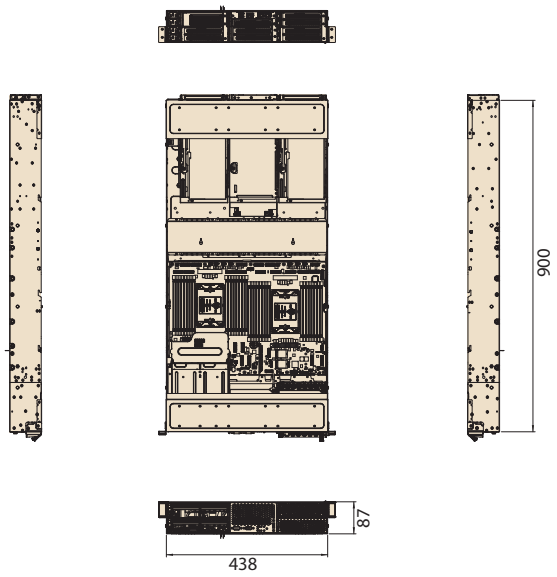
Processor System	CPU Technology	Intel® LGA4710	
	CPU Type	Dual Intel® Xeon 6 processors, TDP up to 350W	
	Memory Type	4TB	
Graphics	Controller	Aspeed AST2600	
	VRAM	64 MB	
Expansion Slots	Slot 1	PCIe 5.0 x16 slot (from CPU0)	
	Slot 2	PCIe 5.0 x16 slot (from CPU0)	
	Slot 3	PCIe 5.0 x16 slot (from CPU1)	
	Slot 4	PCIe 5.0 x16 slot (from CPU1)	
	Slot 5	PCIe 5.0 x16 slot (from CPU0)	
	Slot 6	PCIe 5.0 x16 slot (from CPU0)	
	Slot 7	PCIe 5.0 x16 slot (from CPU1)	
Drive Bay	2.5" (Internal)	-	
	E1.S (Front)	8 (PCIe 5.0)	
	M.2 (2280)	2 (PCIe)	
Ethernet	Interface	2 x 10GbE	
	Controller	Intel X710-AT2 (dual 10GbE port)	
Front I/O Interface	USB	1 (USB2.0)	
	COM	1	
	Display	1 x VGA	
Rear I/O Interface	USB	2 x USB3.2 Gen1	
	RJ-45	3 (1 x dedicated NIC for IPMI)	
Internal Connector	USB 2.0 Pin Header	1 (single port)	
	COM	1	
	VGA	1	
Watchdog Timer	Output	System reset	
	Interval	Programmable, 1~255 sec/min	
Power Supply	Power Output Wattage	80+ platinum 3+1 power supply 6000 W @ 100-240 V_{AC}	
	Input Range	AC 100 ~ 240 V	
Cooling	Chassis Fan	4x 8080 mm high speed fans	
	Dust Filter	-	
Miscellaneous	LED Indicators	Power status, LAN status, information LED	
	Remote Management	Advantech Remote Monitoring Utility	
Environment		Operating	Non-Operating
	Temperature	0 ~ 35°C (32 ~ 85°F)	-40 ~ 60°C (-40 ~ 140°F)
	Humidity	95% @ 40°C	95% @ 60°C
	Vibration (5 ~ 500 Hz)	0.3 Grms	1.88 Grms
	Shock	10G (with 11ms duration, half since wave)	Optional
Physical Characteristics	Dimensions (W x H x D)	438 x 88 x 900 mm (17.24" x 3.46" x 35.43")	
	Package Dimensions (W x H x D)	600 x 155 x 1070 mm	
	Weight (N.W. / G.W.)	35 / - Kg	
	Installation	Rack mount	

All product specifications are subject to change without notice.

Last updated: 21-Jan-2026

Dimensions

Unit: mm



Ordering Information

Ordering PN	CPU	Memory	Storage	Network	IPMI	System FAN	CPU Thermal solution	Power Supply
SKY-622G4-N08R60A1	Dual Intel® Xeon 6 processors	32x DDR5 6400 up to 4TB	2x M.2 2280 (PCIE) 8x E1.S NVMe at front	2x 10GbE RJ-45	Yes, Dedicate NIC	4x 8080 high speed fan	2U passive HS	6000W 3+1 redundant

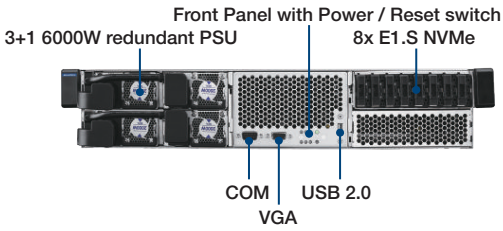
System Contents

Item	Advantech P/N	Quantity
2U CPU Heatsink	1970006160N001	2

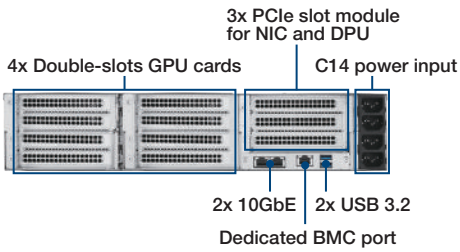
Optional Accessories

Item	Advantech P/N
UL power core (125 V,15 A)	1700027928-01
BSMI power core (125 V,15 A)	1700027909-02
EU power core (250 V,10 A)	1702002605

Front View



Rear View



Inside View

