

4U8G-GENOA2



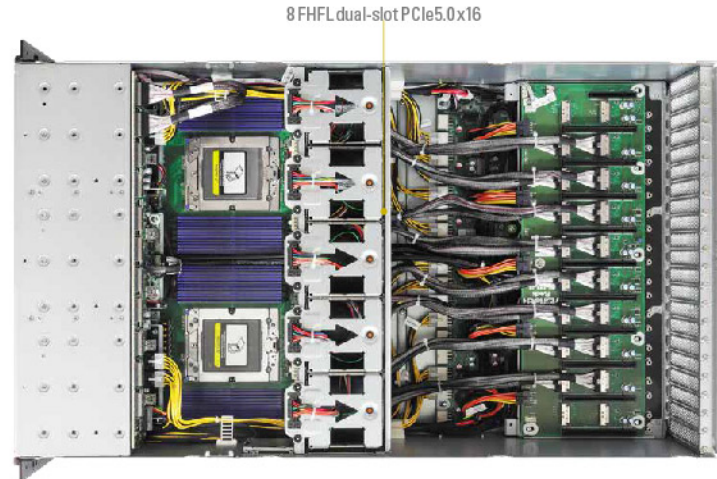
4800

PCI-E5.0



GPGPU

OCP NIC 3.0



8 FHFL dual-slot PCIe5.0 x16



4 x 2.5" NVMe drive bays

20 x 2.5" SATA/SAS drive bays

1 OCP3.0 PCIe5.0 x8

IPMI 2 RJ45 (1GbE) 1 FHHL PCIe5.0 x8



3+1 CRPS (1600W)

2 RJ45 (1GbE)

IPMI

Application

- Deep Learning
- Big Data Analytics
- HPC
- Machine Learning

4U8G-GENOA2		
CPU	Socket	1+1 Socket SP5 (LGA 6096) AMD EPYC 9004 Processors
DIMM	Slot	12+12 DDR5 288-pin (1DPC)
System	Form Factor	4U Rackmount
Physical Status	Chassis Dimension	786 x 438 x 176.5 mm (30.9" x 17.24" x 6.95")
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button
	LEDs	System fault LED, HDD activity LED
	I/O	2 RJ45 (1GbE) by Intel® i350, shares with Rear IO 4 Type-A (USB3.2 Gen1) 1 DB15 (VGA)
Rear IO	RJ45	2 RJ45 (1GbE) by Intel® i350, shares with Front Panel 1 dedicated IPMI, shares with Front Panel
	Others	2 Type-A (USB3.2 Gen1), UID button, 1 DB15 (VGA)
Expansion Slots	Front	1 FHHL PCIe5.0 x8 1 OCP3.0 PCIe5.0 x8
	Rear	8 FHFL dual-slot PCIe5.0 x16
Drive Bay/Storage	External	4 Hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays 20 Hot-swap 2.5" SATA/SAS ^{Note1} drive bays
	Internal	1 M-key (PCIe3.0 x4 or SATA 6Gb/s), supports 22110/2280 form factor [CPU0] 1 M-key (PCIe3.0 x4 or SATA 6Gb/s), supports 2280 form factor [CPU1]
Power Supply	Module	3+1, 80-PLUS Platinum, 1600W CRPS
System Cooling	Fan	5 Middle Hot-swap 80x80 mm fans
Management		ASPEED BMC AST2600
Security		TPM by optional accessory

Note1: Additional RAID/HBA card required to support the 20 x 2.5" SATA/SAS drive bays