

NB2U-4000A-E12

1-Socket 2U Accelerator Server with 4 GPUs supported



PRODUCT HIGHLIGHTS



AMD EPYC™ 9004 series with AMD 3D V-Cache technology



PCIe Gen5.0 Ready



AI and HPC workloads ready



Comprehensive cooling solutions



Enhanced IT-infrastructure management

Processor Support		1 x Socket SP5 (LGA 6096) AMD EPYC™ 9004 series (up to 400W) 4th Generation AMD EPYC Processors with AMD 3D V-Cache technology
Memory	Total Slots	12 (12-channel per CPU, 12 DIMM per CPU)
	Capacity	Maximum up to 3TB per CPU socket
	Memory Type	DDR5 4800/4400 RDIMM/ 3DS RDIMM
	Memory Size	64GB, 32GB, 16GB RDIMM 256GB, 128GB 3DS RDIMM
Expansion Slots	Total PCI/PCI-X/PCI-E/PIKE Slots	12 Rear: -4 x PCIe x16 slots (Gen5 x16 link, FH, FL) for dual-slot GPU cards or 8 x PCIe x16 slots (Gen5 x8 link, FH,FL) for single-slot GPU cards -1 x PCIe x16 slots (Gen5 x16 link, FH, HL) -1 x PCIe x16 slot (Gen5 x16/x8 link, FH, HL) or OCP socket option or M.2 riser module -1 x PCIe x8 slot (Gen5 x0/x8 link, LP, HL) Front: 1 x PCIe x8 slot (Gen5 x8 link, LP, HL) Only for SKU1
	SATA Controller	SATA3 6.0Gb/s ports
	Disk Controller	SAS Controller
Storage Bays		(2) 2.5" Hot-swap Disk Bays (4) 3.5" Hot-swap Disk Bays
Networking	LAN	(2) Gigabit LAN ports (Intel I350 Controller) (1) Management Port
Integrated Graphics		Aspeed AST2600 64MB
Front I/O		(4) USB 3.2 Gen1 ports
Rear I/O		(2) USB 3.2 Gen1 ports
		(2) Gigabit LAN ports (RJ45)
		(1) Management Port (RJ45) (1) VGA port



Switch/LED	<p>Front:</p> <ul style="list-style-type: none"> (1) Power Button/LED (1) Location Button/LED (1) Message LED (1) Q-Code/Port 80 LED (2) LAN LED <p>Rear:</p> <ul style="list-style-type: none"> (1) Power Button/LED (1) Location LED (1) Message LED
OS Support	<ul style="list-style-type: none"> Windows Server RedHat® Enterprise Linux SuSE® Linux Enterprise Server CentOS Ubuntu VMware
Dimension	800mm x 439.5mm x 88.9mm (2U)
Power Supply	1+1 Redundant 2600W 80 PLUS Titanium CRPS-R Power Supply
Environment	<p>Operating temperature: 10°C ~ 35°C /</p> <p>Non-operating temperature: -40°C ~ 70°C</p>



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