

1U2E32TO-E7003 AMD® EPYC™ 1U Compute Server

2U4E32TO-E7003 AMD® EPYC™ 2U 4 Slots GPU Computing

2E:2 PCIe 4E:4 PCIe Slots, 32 DIMM T:2x10GbE O:OCP Slot



Features

- 1U / 2U (25" Depth) Rack Server, CRPS Redundant P/S
- Dual Socket SP3 (LGA4094), support AMD® EPYC™ 7003 and 7002 Processors
- 16+16 DIMM slots (8 Channel per CPU), supports RDIMM, LRDIMM, RDIMM/LRDIMM-3DS, up to 8TB Memory
- 2 M.2 NVMe (PCIe3.0 x4), SATA-6Gb/s Ports
- 1U: 2 x PCIe 4.0 x16, 2U: 4 x PCIe 4.0 x16/x8 RISER Slots
- 2 x M.2-22110/2280 PCIe 4.0 x4 for OS
- 2 x 10Gbit LAN, 1 x OCP NIC 3.0 Slot (PCIe 4.0 x16)
- Remote management (IPMI 2.0)



Specifications

Dimensions (W x D x H)	1U:437 x 635 x 43mm 12.5kg 2U:437 x 635 x 87mm 21.6kg	
	1U:17.2 x 24.9 x 1.75" 31.75 lbs 2U:17.2 x 24.9 x 3.5" 55 lbs.	
Form Factor	25" Depth 1U / 2U Rackmount	
Processor	Processor Support	Support AMD® EPYC™ 7003 and 7002 Series Processors
	Socket Type	Dual Socket SP3 (LGA4094)
Chipset	AMD SoC	
System Memory	<ul style="list-style-type: none"> • 16+16 DIMM (32) slots, 8 channel per CPU, up to 8TB RDIMM • Supports DDR4 288-pin RDIMM, LRDIMM, RDIMM/LRDIMM-3DS • RDIMM: up to 64GB • LRDIMM: up to 128GB • RDIMM/LRDIMM-3DS: up to 256GB • RDIMM/ LRDIMM: max. 3200MHz 	
F. Panel Button	<ul style="list-style-type: none"> • Power On/Off • Option: ID, Power Supply Failure Reset 	
Front Panel LED	<ul style="list-style-type: none"> • Power, Thermal Warning • Option: P/S, Fans Failure, ID, LAN 	
Storage	OS	2 x M.2-22110/2280 PCIe 4.0 x4
	Data	Marvell 9235 4 x SATA-6Gb/s 2 x SFF-8654 for (4) NVMe Option: 6 x SFF-8654 for (12) NVMe requires long depth case with front 2.5" swap drive bays
Network	2 x 10Gbit RJ45 Intel® X550-AT2, 1x OCP 3.0 for LAN Module	

Expansion Slots	PCIe 4.0	<ul style="list-style-type: none"> • 1U: 2 FHHL x16 • 2U: 2 FHHL x16, 2 FHFL x16,
RISER Slots	1U: 2U:	2 FHHL (Full Height Half Length 6.6") 2 FHHL + 2 FHFL(10.5")
On-board Devices	IPMI 2.0 Graphics	1 x Realtek RTL8211E dedicated GLAN ASPEED AST2500: 1 DB15, 1 (15-pin header)
I/O	Other	Watchdog, TPM 2.0 supported
	USB	2 x USB 3.1 (Rear), up to 2 Front USB 2.0/3.0
	VGA	1 x DB15
	Serial Port	2 x Headers
	RJ45	1 x dedicated IPMI 2.0
	Others	1 x power button
Power Supply	1U: 2 x CRPS Hot Swap P/S 1+1 800/1000/1200W Platinum Redundant 2U: 2 x CRPS Hot Swap P/S 1+1 1200W / 1600W Platinum Redundant Input: AC100-127V/12A / AC200-240V/9.48A Option: 1300W Titanium P/S	
System Cooling	1U: 6 or 8 x 40mm Fans 2U: 6 x 60mm Fans	
BIOS OS Support Regulation	<ul style="list-style-type: none"> • AMI • Windows Server, Linux, FreeBSD, VMware • FCC (A), CE, CB/LVD, C-Tick, VCCI, RoHS 	
Environmental Specifications	<ul style="list-style-type: none"> • Operation temperature: 10°C ~ 35°C • Non operation temperature: -40°C ~ 70°C • Non operation humidity: 8% ~ 90% (Non condensing) 	

