

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

1U 2 PCIe 32 DIMM 2x10GbE OCP Slot



Features

- 1U (25" Depth) Rack Server, CRPS Redundant P/S
- Dual Socket SP3 (LGA4094), support AMD® EPYC™ 7003 and 7002 Processors
- 16+16 DIMM slots (2DPC), supports RDIMM, LRDIMM, RDIMM/LRDIMM-3DS
- 2 M.2 x M.2-22110/2280 PCIe 4.0 x4, SATA-6Gb/s Ports
- 2 x FHHL PCIe 4.0 x16 (Expandable by RISER)
- 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)	mm : 437 x 635 x 44	
	inches : 17.2 x 24.9 x 1.75"	
Form Factor	Short 1U 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 slots (2DPC) • 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 Header	<ul style="list-style-type: none"> • Power • Reset 	
LEDs Headers	<ul style="list-style-type: none"> • Power • HDD 	
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
Network	2 x 10Gbit RJ45 Ethernet Intel X550-AT2	

Expansion Slots	PCIe 4.0	<ul style="list-style-type: none"> • 2 FH x16 [CPU1] [CPU2] (rear) • 1 x OCP NIC 3.0 (x16) [CPU1]
RISER		Supports Up to 2 RISER Slots 2 FH HL
On-board Devices	IPMI Graphics	1 x Realtek RTL8211E dedicated GLAN ASPEED AST2500: 1 DB15, 1 (15-pin header)
I/O	Watchdog	Supported
	USB	2 x USB 3.1 (Rear), 2 USB 3.1 (Headers)
	VGA	1 x DB15
	Serial Port	2 x Headers
	RJ45	1 x dedicated IPMI 2.0
	Others	1 x power button
Power Supply	2 x CRPS Hot Swap P/S 1+1 1200W Platinum Redundant	
System Cooling	8 x Power Connectors for Cooling fans	
System Management	<ul style="list-style-type: none"> • BMC Controller: ASPEED AST2500 • IPMI : 1 x Realtek RTL8211E for dedicated management GLAN 	
Environmental Specifications	<ul style="list-style-type: none"> • Operation temperature: 10°C ~ 35°C • Non operation temperature: -40°C ~ 70°C • Non operation humidity: 20% ~ 90% (Non condensing) 	