

2U 4-GPU AI SERVER & 2U

HIGH-PERFORMANCE STORAGE SERVER

TN85-B8261

B8261T85E24HR-2T
B8261T85E8HR-2T-N



AMD
EPYC



DDR5

PCIe 5.0

2U2S AMD PCIe Gen.4 AI Server

Front View



B8261T85E24HR-2T
(24) 2.5" Hot-Swap NVMe



B8261T85E8HR-2T-N
(8) 2.5" Hot-Swap NVMe

Back View



(1+1) 2,700W CRPS, 80+ Titanium



(1+1) 2,700W CRPS, 80+ Titanium

- Dual Socket SP5
- (2) AMD EPYC™ 9004/9005 Series Processors
- (8) NVMeU.2 (-N sku) or (24) NVMeU.2
- (12+12) support Up to 6,144GB RDIMM/3DS RDIMM DDR5
- Up to (6) PCIe Gen.5 x16 slots
- (2) 10GbE + (1) IPMI ports
- Onboard BMC w/ IPMI and iKVM support
- (1+1) 2,700W CRPS, 80+ Titanium

Summary Table

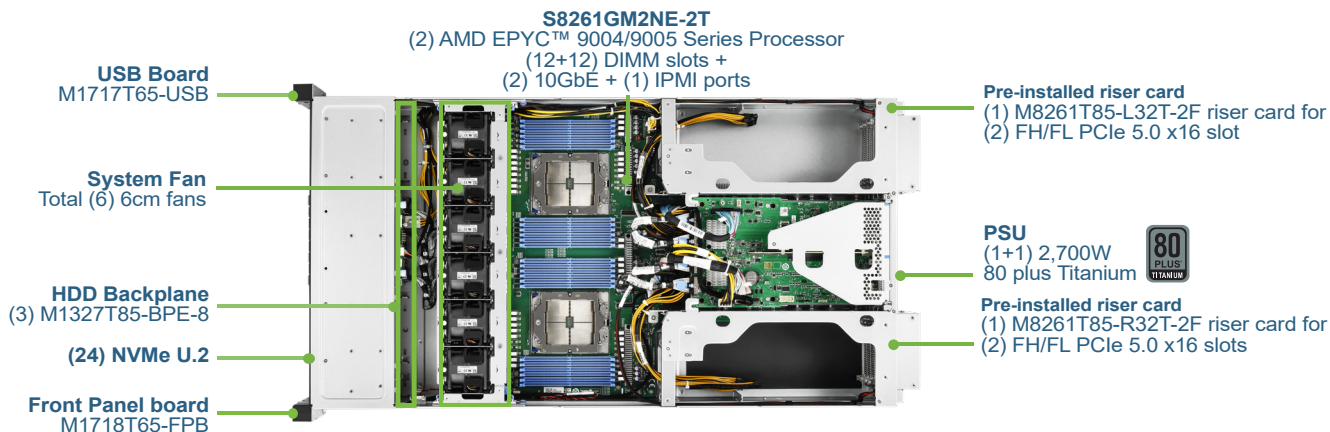
SKU	Motherboard	Storage
B8261T85E24HR-2T	(2) 10GBase-T + (1) IPMI	(24) SFF NVMe U.2
B8261T85E8HR-2T-N	(2) 10GBase-T + (1) IPMI	(8) SFF NVMe U.2

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B8261T85E24HR-2T



Top View



System	Form Factor	2U Rackmount
	Chassis Name	TN85
	Dimension (D x W x H)	33.46" x 17.63" x 3.43" (850 x 448 x 87mm)
	Motherboard	S8261GM2NE-2T #
Front Panel	Motherboard Notification	# The motherboard not sold separately
	Buttons	(1) PWR w/ LED / (1) UID / (1) RST
	LEDs	(1) ID / (2) LAN / (1) Warning
	I/O Ports	(2) USB 3.2 Gen.1 ports
External Drive Bay	Q'ty / Type	(24) 2.5" Hot-Swap NVMe
	HDD backplane support	(24) NVMe U.2
	Supported HDD Interface	NVMe
System Cooling Configuration	Fan	(6) 6cm hot-swap middle fans
	Type	CRPS
Power Supply	Input Range	AC 100-127V/14A / AC 200-240V/15.5A
	Efficiency	80 plus Titanium
	Output Watts	2,700 Watts
	Redundancy	1+1
	Serviceability	Hot-swap
Processor	Q'ty / Socket Type	(2) AMD Socket SP5
	Supported CPU Series	(2) AMD EPYC™ 9004/9005 Series Processor
	Thermal Design Power Wattage	Max up to 500W* (TDP)
Memory	Supported DIMM Q'ty	(12)+(12) DIMM slots
	DIMM Type / Speed	3DS RDIMM DDR5 6000MHz / RDIMM DDR5 6000MHz
	Capacity	Up to 6,144GB RDIMM/3DS RDIMM DDR5 6000 memory
	Memory channel	12 Channels per CPU
	Memory voltage	1.1V
Expansion Slots	PCIe	(4) PCIe Gen.5 x16 slots
	Pre-installed TYAN Riser Card (PCIe Gen.5)	(1) M8261T85-L32T-2F riser card for (2) FH/FL PCIe 5.0 x16 slots / (1) M8261T85-R32T-2F riser card for (2) FH/FL PCIe 5.0 x16 slots
LAN	Port Q'ty	(2) 10GbE ports + (1) GbE dedicated for IPMI
	Controller	Intel X550-AT2
	PHY Controller	Realtek RTL8211F
Storage NVMe	Connector (U.2)	(12) SFF-TA-1016 (MCIO 8x) for (24) front NVMe

Graphic	Connector type	D-Sub 15-pin
	Resolution	Up to 1920x1200
	Chipset	Aspeed AST2600
Input / Output	USB	(2) USB3.2 Gen.1 ports (@ front) / (2) USB3.2 Gen.1 ports (@ rear)
	VGA	(1) D-Sub 15-pin port
	RJ-45	(2) 10 GbE ports + (1) dedicated GbE for IPMI
TPM (Optional)	Button	ID Button / Power Button / Reset Button
	TPM Support	Please refer to our TPM supported list.
System Monitoring	Interface	SPI
	Chipset	Aspeed AST2600
	Voltage	Monitors voltage for CPU, memory, chipset & power supply
	Temperature	Monitors temperature for CPU & memory & system environment
Server Management	LED	Over temperature warning indicator / Fan & PSU fail LED indicator / Over voltage warning indicator
	Onboard Chipset	Onboard Aspeed AST2600
	AST2500 iKVM Feature	24-bit high quality video compression / Supports storage over IP and remote platform-flash / USB 2.0 virtual hub
BIOS	AST2500 IPMI Feature	IPMI 2.0 compliant baseboard management controller (BMC) / 10/100/1000 Mb/s MAC interface
	Brand / ROM size	AMI / 32MB
Operating System	Feature	Hardware Monitor / FAN speed control automatic / Boot from USB device/PXE via LAN/Storage / Console Redirection / SMBIOS 3.5/PnP/Wake on LAN / ACPI 6.4 / ACPI sleeping states S0, S5
	OS supported list	Please refer to our AVL support list
Regulation	FCC (SDoC)	Class A
	CE (DoC)	Class A
Operating Environment	Operating Temp.	10° C ~ 35° C (50° F ~ 95° F)
	Non-operating Temp.	-40° C ~ 70° C (-40° F ~ 158° F)
	In/Non-operating Humidity	90%, non-condensing at 35° C
RoHS	RoHS 6/6 Compliant	Yes

(Specifications are subject to change without notice. Items pictured may only be representative.)

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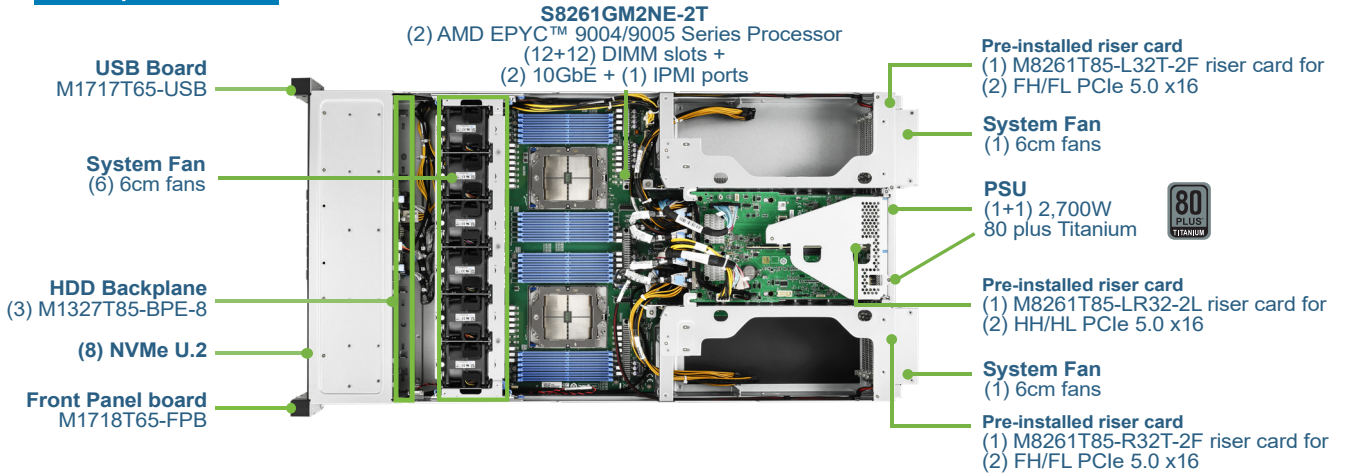
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