


aNU-22-312



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Key Features


Dual-processor AMD 2U Ultra server with high memory count


- Integrated quad-port Gigabit Ethernet
- 8 PCIe 3.0 expansion slots
- 12 hot-swap SAS / SATA drive bays
- Optional 4 HS NVMe drives
- 80 PLUS Platinum Certified redundant power supply

Rackmount View

Total: 2U

Support 

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System Price: \$6,517.00

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SYSTEM OPTIONS		TECHNICAL SPECS	
System		Expansion Slots	
Server	Based on Supermicro Ultra server 2023US-TR4	PCIe	<ul style="list-style-type: none">Full-height PCIe 3.0 x16 slot, 10.5 inches5 Full-height PCIe 3.0 x8 slot, 9.5 inchesLow-profile PCIe 3.0 x8 slotLow-profile internal only PCIe 3.0 x8 slot
CPU	<ul style="list-style-type: none">Dual AMD EPYC™ 7000-series ProcessorsSocket SP3	Note	<ul style="list-style-type: none">For full access to PCIe slots and onboard controllers, both CPUs must be installed.
Chipset	<ul style="list-style-type: none">System on Chip (SoC)	Front Panel	
Memory		Buttons and Switches	<ul style="list-style-type: none">Power buttonReset button
Memory Capacity	<ul style="list-style-type: none">32 DIMM socketsSupports up to 4 TB Registered ECC DDR4-2666 SDRAM8-channel memory bus	LEDs	<ul style="list-style-type: none">PowerHard driveNetwork activitySystem overheatFan failUID (Unit Identification)
Memory Type	<ul style="list-style-type: none">DDR4 2666 MT/s Registered ECC, 240-pin gold-plated DIMMs	Chassis	
DIMM Sizes	<ul style="list-style-type: none">128GB, 64GB, 32GB, 16GB, 8GB, 4GB	Form Factor	<ul style="list-style-type: none">2U rackmount chassis
Memory Voltage	<ul style="list-style-type: none">1.2 V	Height	<ul style="list-style-type: none">89 mm, 3.5 inches
Error Detection	<ul style="list-style-type: none">Corrects single-bit errorsDetects double-bit errors (using ECC memory)	Width	<ul style="list-style-type: none">437 mm, 17.2 inches
On-Board Devices		Depth	<ul style="list-style-type: none">723 mm, 28.46 inches
SATA	<ul style="list-style-type: none">SATA3 (6Gbps)	Chassis Weight	<ul style="list-style-type: none">16.4 kg, 36 lbs
IPMI	<ul style="list-style-type: none">Support for Intelligent Platform Management Interface v.2.0IPMI 2.0 with virtual media over LAN and KVM-over-LAN supportASPEED AST2500 BMC	Power Supply	
Network Controllers	<ul style="list-style-type: none">Intel® i350 4-port Gigabit Ethernet (RJ45 output)	Power Supply	<ul style="list-style-type: none">80 Plus Titanium Level Certified redundant (1+1) 1600W AC with PMBusTotal output power: 1000W/1600W
Video	<ul style="list-style-type: none">ASPEED AST2500 BMC	AC Input	<ul style="list-style-type: none">100–127 V, 50–60 Hz200–240 V, 50–60 Hz
Input / Output		+12V	<ul style="list-style-type: none">Max: 83.3A & Min: 0A (100VAC – 127VAC)Max: 133A & Min: 0A (200VAC – 240VAC)
SATA	<ul style="list-style-type: none">14 x SATA3 ports (6Gb/s)		
LAN	<ul style="list-style-type: none">4 x RJ45 Gigabit Ethernet LAN ports1 x RJ45 dedicated IPMI LAN port		
USB	<ul style="list-style-type: none">3 USB 3.0 ports (2 rear + 1 Type A)		

VGA	<ul style="list-style-type: none"> 1 VGA port 	12V SB	<ul style="list-style-type: none"> Max: 2.1A Min: 0A
SAS	<ul style="list-style-type: none"> 12 SAS3 ports with optional add-on card 	Environment / Compliance	
NVMe	<ul style="list-style-type: none"> 4 NVMe support with optional cables 	Ambient Temperature	<ul style="list-style-type: none"> Operating: 10°C to 35°C Non-operating: -40°C to 70°C
Others	<ul style="list-style-type: none"> 1 COM port (rear) 2 SATA DOM power connectors 1 TPM 1.2 Header 	Relative Humidity	<ul style="list-style-type: none"> Operating: 8–90% non-condensing; Non-operating: 5–95% non-condensing
Storage		RoHS	<ul style="list-style-type: none"> RoHS Compliant
Hot-Swap Drive Bays	<ul style="list-style-type: none"> 12 x 3.5-inch hot-swap drive bays 2 x 2.5-inch rear hot-swap drive bays (optional) NVMe, SAS, or enterprise SATA HDD only recommended 		
2U Expander Backplane	<ul style="list-style-type: none"> Supports 8 SATA3 or SAS3 drives Supports 4 SATA3, SAS3, or NVMe drives 		

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