



Rackform R380P



Speak to an Expert!
866-352-1173



Key Features

Maximum GPU Throughput



with NVLink

- 24 DDR4 DIMM sockets
- Integrated Dual-Port 10GbE Option
- 6 PCIe 3.0 Expansion Slots
- 16 hot-swap 2.5-inch Drives
- **Up to 8 NVMe Drives**
- Redundant Titanium Power Supply

Based on Supermicro GPU servers 4028GR-TXR, 4028GR-TXRT

Rackmount View

Total: 4U

Support Log In

[Xeon® Processor E5-2600v4.](#)

System Price: \$39,441.00

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SYSTEM OPTIONS

TECHNICAL SPECS

System		Chassis	
Server	Based on Supermicro GPU servers 4028GR-TXR, 4028GR-TXRT	Form Factor	• 4U Rackmount
CPU	<ul style="list-style-type: none">• Supports 2 Intel® Xeon® E5-2600v4 or 2600v3 Series processors (up to 145W TDP)• Dual 2011-pin LGA sockets (Socket R3)	Height	• 7.0" (178mm)
Chipset	• Intel C612 chipset (Wellsburg)	Width	• 17.6" (447mm)
Memory		Depth	• 31.7" (805 mm)
Memory Capacity	<ul style="list-style-type: none">• 24 x 288-pin DDR4 DIMM slots• Supports up to 3 TB ECC 3DS LRDIMM• Supports up to 2 TB ECC RDIMM	Chassis Weight	<ul style="list-style-type: none">• Net Weight: 80 lbs (36.2 kg)• Gross Weight: 135 lbs (61.2 kg)
Memory Type	• 2400 / 2133 / 1866 / 1600MHz ECC DDR4 SDRAM 72-bit	Front Panel	
DIMM Sizes	<ul style="list-style-type: none">• RDIMM: 32GB, 16GB, 8GB, 4GB• LRDIMM: 64GB, 32GB• 3DS LRDIMM: 128GB	Buttons	<ul style="list-style-type: none">• Power On/Off button• System Reset button
Memory Voltage	• 1.2 V	LEDs	<ul style="list-style-type: none">• Power LED• Hard Drive activity LED• 2 x Network activity LEDs• System Overheat LED / Fan Fail LED / UID LED
Error Detection	• Corrects single-bit errors	Expansion Slots	
Integrated Devices		PCIe	<ul style="list-style-type: none">• 4 x PCIe 3.0 x16 Low-Profile Slots• 2 x PCIe 3.0 x8 Low-Profile slots• Note: For access to all PCIe slots, both CPUs must be populated
Chipset	• Intel® C612 chipset (Wellsburg)	Storage	
SATA	• SATA 3.0 (6Gb/s) with RAID 0, 1, 5, 10	Hot-Swap Drives	<ul style="list-style-type: none">• 16 x 2.5" Hot-swap SAS/SATA drive bays• NVMe support with additional controller• Note: Enterprise drives recommended only
IPMI	<ul style="list-style-type: none">• Support for Intelligent Platform Management Interface v.2.0• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support• ASPEED AST2400 BMC	Cooling System	
Network Controllers	<ul style="list-style-type: none">• Dual Port 1GbE with Intel® i350 Ethernet Controller• Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output• OR Dual Port 10GbE with Intel® X540 Ethernet Controller• Supports 10GBASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output• Virtual Machine Device Queues reduce I/O overhead	Fans	• 8 x 92mm counter-rotating fans with optimal fan speed control
		Shrouds	• 1 Air Shroud
		Power	
		Power Supply	• 2200W (2+2) Redundant Titanium Power Supplies with PMBus

Graphics	<ul style="list-style-type: none"> ASPEED AST2400 BMC
Input / Output	
SATA	<ul style="list-style-type: none"> 8 x SATA 3.0 (6Gb/s) ports
LAN	<ul style="list-style-type: none"> 2 x RJ45 Gigabit Ethernet ports OR 2 x RJ45 10GbE ports 1 x RJ45 Dedicated IPMI LAN port
USB	<ul style="list-style-type: none"> 4 x USB 3.0 ports
Video	<ul style="list-style-type: none"> 1 x VGA connector
Serial Port	<ul style="list-style-type: none"> 1 x Serial header

Total Output Power and Input	<ul style="list-style-type: none"> 1200W / 100-127Vac / 50-60Hz 1800W / 200-220Vac / 50-60Hz 1980W / 220-230Vac / 50-60Hz 2090W / 230-240Vac / 50-60Hz
+12V	<ul style="list-style-type: none"> Max: 100A / Min: 0A (100-127Vac) Max: 150A / Min: 0A (200-220Vac) Max: 165A / Min: 0A (220-230Vac) Max: 174.17A / Min: 0A (230-240Vac) Max: 183.3A / Min: 0A (220-240Vac) Max: 174.17A / Min: 0A (180-220Vac) Max: 183.3A / Min: 0A (-) Max: 174.17A / Min: 0A (-)
+12Vsb	<ul style="list-style-type: none"> Max: 2A / Min: 0A
Environment / Compliance	
RoHS	<ul style="list-style-type: none"> RoHS Compliant
Ambient Temperature	<ul style="list-style-type: none"> Operating: 10°C to 35°C (50°F to 95°F) Non-operating: -40°C to 70°C (-40°F to 158°F)
Relative Humidity	<ul style="list-style-type: none"> Operating: 8 – 90% (non-condensing) Non-operating: 5 – 95% (non-condensing)

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