

ROCKSTATION-4U-GPU

4U Rack-mounted Chassis

4U rackmount GPU workstation that can be equipped with ROCK ATX series motherboards. The chassis is made of high quality steel plate, the front panel is one-piece forming and with delicate design. Two high-speed inlet fans are built in the front of the chassis, and the air comes out from the rear panel, forming a highly efficient heat dissipation channel in the chassis, with good heat dissipation performance. Front panel is with 2xUSB ports, power switch, status indicator and reset button, convenient for operators to observe and operate. ROCKSTATION-GPU supports single or two full-height, full-length, high-power GPU cards. It can be widely used in industrial automation, intelligent traffic, video surveillance, machine vision, deep learning and other types of large computing power demand scenarios.



Product Features



Compatible with various motherboards



Compatible with installation of standard 3.5-inch hard disk



Multi-expansion



LCM interaction module

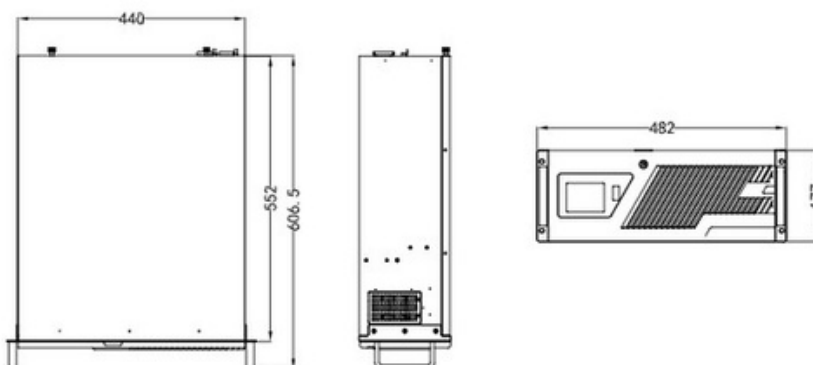


Professional heat dissipation system



Super EMC performance

Product Dimensions Drawing



Product Specifications

Item	Description
Motherboard	EPE full-length card, ATX motherboard, and EATX server motherboard
Processor	Depends on motherboard: SVE-2901 motherboard: supports dual-channel Xeon E5-2600 V3/V4 series processors
Memory	Depends on motherboard: SVE-2901 (dual-channel C612): supports 16 × 288PIN DDR4 slot, supporting up to 512GB DDR4 ECC RDIMM
Backplane	When an EPE series motherboard is used, it can be paired with 10-13-slot standard EPE backplane
Storage	Compatible with two types of hard disk modules: A: 4 × 3.5" pull-out hard disks (without shock absorption) B: 2 × 3.5" pull-out hard disks (shock absorption) Note: The server motherboard is compatible with SAS hard disk installation, and all hard disks are placed in the safety door to ensure data security.
I/O Port	Power switch, reset switch; power supply and hard disk indicator lights; there are 2 × USB2.0 port in the lockable safety door; Rear port: depends on different motherboard configurations
Power Supply	Supports standard PS2 ATX power supply; supports 2U redundant power supply
Working Temperature	ECO/EPE configuration: 0°C~50°C, 5%~90% (non-condensing state) EATX server configuration: 0°C~40°C, 5%~90% (non-condensing state)
Storage Temperature	-20°C~60°C, 5%~90% (non-condensing state)
Overall Dimensions (W×H×D)	482 mm×177 mm×552 mm

Ordering Information

Model No	Description
C612	C612 platform motherboard/supports dual Xeon E5 V3/V4 CPU/16*DDR4 DIMM/motherboard without integrated RAID function/4*3.5" pull-out hard disk cartridge/1 × ultra-thin optical drive/800W+800W redundant power supply/2*GbE/1*COM/1*VGA/6 × USB (front 2 × USB2.0 and rear 4 × USB3.0)/1* full height PCI-E x16, 1* full height PCI-E x8 (2 × CPU: 2* full height PCI-E x16, 4* full height PCI-E x8)
C236	C236 platform motherboard/350W power supply/2 × Gigabit LAN port (i210)/2*COM/any three display ports among four (onboard VGA, HDMI, DVI-D and DP)/6 × USB (2 front and 4 rear)/1 group of audio ports/ expansion: 2 × PCI+3 × PCIEX4(X8 connector)+2 × PCIEX16 (see the manual for detailed resources)
C246	C246 platform motherboard/600W power supply/2 × COM/2 × Gigabit LAN port/8 × USB (2 front and 6 rear)/ any three display ports among four (VGA, DVID, DP, HDMI), 1 group of audio ports; expansion: 2 × PCI, 3 × PCIe x4, 2 × PCIe x16; 1 × M.2 KEY M port (PCIe X4, supporting sizes 2242/2260/2280/22110); 1 × M.2 KEY E port (PCIe X1, supporting size 2230) Note: When two PCIE*16 slots are inserted at same time, the speed is reduced to the speed of PCIE*8
Q470E	Q470E platform motherboard/600W power supply/1 × COM, 10 × USB (2 front and 8 rear), 2 × Gigabit LAN port, VGA+DP+DVI-D, 1 group of audio ports, expansion: 2 × PCI, 2 × PCIE x16, 3 × PCIE x4 Note: When two PCIE*16 slots are used at same time, the speed is reduced to the speed of PCIE*8
Q470E-1000	Q470E platform motherboard/1000W power supply/1 × COM, 10 × USB (2 front and 8 rear), 2 × Gigabit LAN port, VGA+DP+DVI-D, 1 group of audio ports, expansion: 2 × PCI, 2 × PCIE x16, 3 × PCIE x4 Note: When two PCIE*16 slots are used at same time, the speed is reduced to the speed of PCIE*8
W480E	W480E platform motherboard/1000W power supply/1 × COM, 10 × USB (2 front and 8 rear), 2 × Gigabit LAN port, VGA+DP+DVI-D, 1 group of audio ports, expansion: 2 × PCI, 2 × PCIE x16, 3 × PCIE x4 Note: When two PCIE*16 slots are used at same time, the speed is reduced to the speed of PCIE*8
Q670E	Q670E platform motherboard/ATX1000W power supply/2 × Gigabit LAN port/1 × COM port/10 × USB/ VGA+DP+HDMI2.0 three-display/MIC-IN/LINEOUT /1 × PCI, 1 × PCIe3.0 x4, 3 × PCIe4.0 x4, 1 × PCIe4.0 x16 and 1 × PCIe4.0 x16 (x8 link) Note: If two PCIe x16 slots are used at the same time, the speed will be reduced to PCIe x8