

610 Chassis



620 Chassis



Features:

Standard 4U rack-mount industrial control chassis, advanced non-patterned galvanized plate structure

Onboard Intel Q670 chipset

Supports Intel 12th generation Core i3/i5/i7/i9 of LGA1700

Supports 4* DDR4 DIMM memory slots, up to 128G

Supports 1* M.2 Key-M, 2 2.5-inch/3.5-inch hard disk slots

Supports 6* COM ports, 2* optional RS232/485

Supports 2 PCI-E X16 slots, 4 PCI-E X4 slots, 1* PCI slot

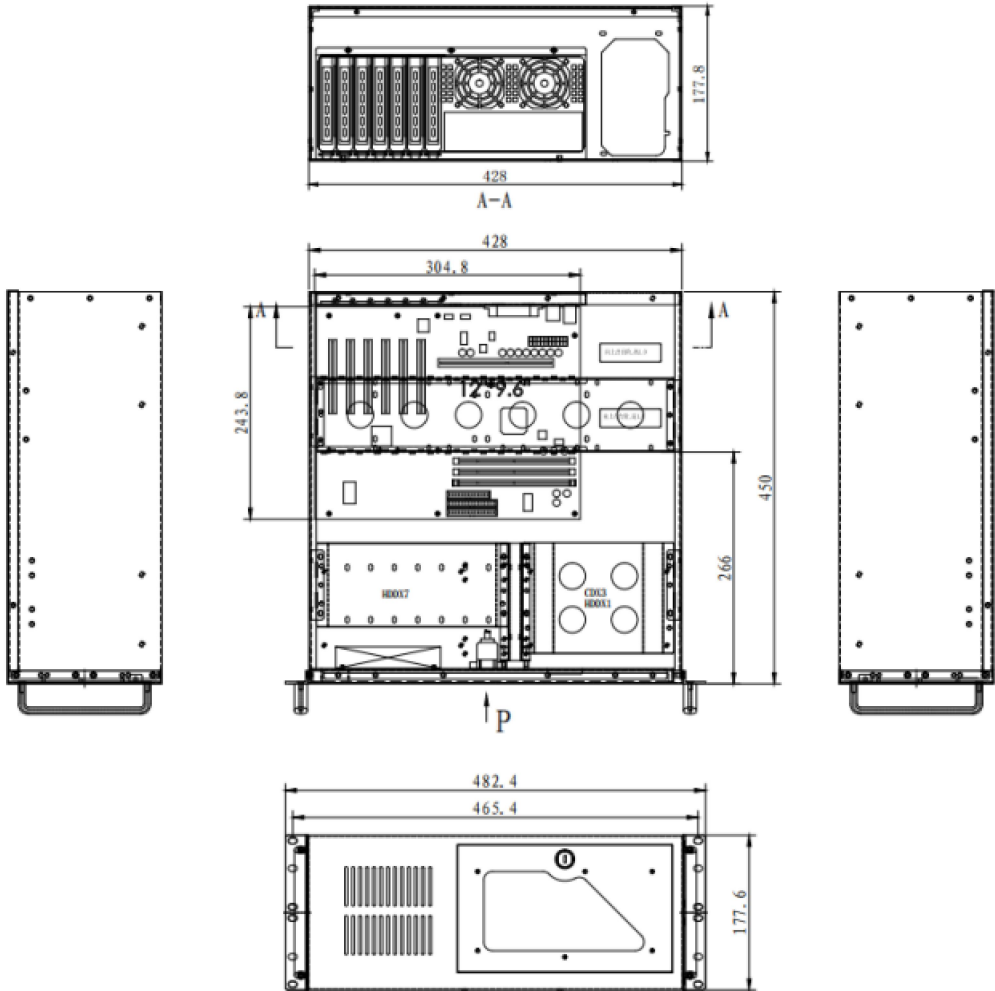
Supports vPro, RAID 0, 1, 5, 10, TPM 2.0, Watch dog

Supports Windows 10/11, Linux

Model:SM301-Q670

PC

CPU	Intel® Core i3-12100/12100T, 4 Cores, 8 Threads, Base 2.2 GHz, Turbo 4.1 GHz Intel® Core i5-12400/12400T, 6 Cores, 12 Threads, Base 1.8 GHz, Turbo 4.2 GHz Intel® Core i7-12700/12700T, 12 Cores, 20 Threads, Base 1.4 GHz, Turbo 4.7 GHz
Chipset	Intel Q670
Memory	4* DDR4 DIMM memory slots, up to 128G
Storage Capacity	1* M.2 (Key-M, 2242/2280), 3* 3.5-inch or 2* 3.5-inch + 2* 2.5-inch hard drive mounting slots
Graphics	Intel HD Graphics 730/770
BIOS	AMI UEFI BIOS
Display Interface	1* VGA, 1* DVI, 1* HDMI(supports synchronous and asynchronous dual display)
I/O	6* USB3.0, 2* USB2.0, 1* PS/2, 6* COM RS232(two of then supports RS232/485 optional), 1* HDMI, 1*VGA, 1*DVI, 3* Audio, 2* indicator lights, 1* power button, 1* reset button
Network	1* Intel i219-V Gigabit Ethernet port, 1* i225-v 2.5G Ethernet port
Expansion slots	2* PCIE X16 slots (1*PCle x16 Gen4 or 2*PCle x8 Gen4) 3* PCIE X4 slots (Gen 4) 1* PCIE X4 slots (Gen 3) 1* PCI slot Supports 1* M.2 2230 slot (Key-E supports WIFI, Bluetooth) Supports 1* M.2 (Key-M, 2242/2280, PCIe x4 Gen4 NVMe/ SATA SSD)

Optional expansion interface	8 GPIO ports, 2 USB3.0 ports, 2 USB2.0 ports (standard shipment does not include this port)
Operation System	Support Windows 10/11, Linux, Ubuntu, Debian, etc.
Power Supply	
Power Supply	AC 100~230V (50~60Hz) , 500W rated power
Operating Environment	
Temperature Range	Operating: -10 °C to 60°C, Storage: -20-70°C
Relative humidity	Up to 90% at all relevant temperatures, non-condensing
Vibration	GB/T 2423.10-2019
Shock	GB2423.5
EMC	Class B
Packing Details	
Product weight	N.W 12.5kg, G.W. 14kg
Product Dimension	428 * 450 * 177.6 mm
Packing info	1pcs/ctn 50×50×32cm /13KG
Accessories	Power plug*1, power cord *1, antenna*2, screws,
Other	
Warranty	2 years warranty
Certificate	CE, FCC, RoHS
Product Dimension	
 The technical drawing illustrates the dimensions of the device from three perspectives: front, top, and side. The front view shows a width of 428 mm and a height of 177.8 mm. The top view shows a width of 428 mm and a depth of 450 mm. The side view shows a height of 177.6 mm and a width of 465.4 mm. The device is shown with its front panel removed, revealing internal components including a CPU, memory modules, and various connectors. The dimensions are labeled in millimeters (mm).	