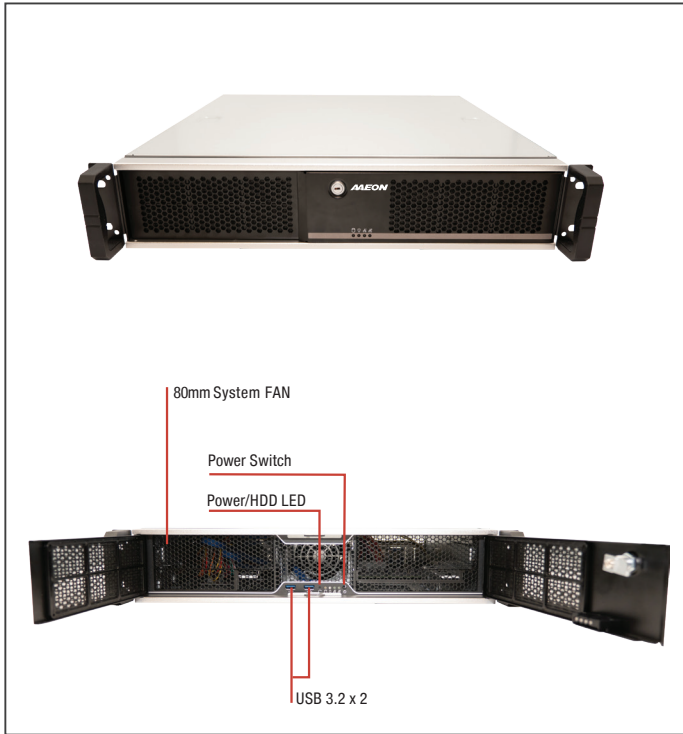


ACS-6000-Q470A

2U Rackmount Chassis with 10th Generation Intel® Core™ Processor, DDR4 DRAM, Supports iAMT 12.0



Features

- Industrial Turnkey 2U Rackmount system
- 10th Generation Intel® Core™ LGA 1200 socket
- DDR4 DIMM 2933/2666/2400 MHz, max. 128GB
- Front Panel: Front door with lock, 80 mm System FAN x1, USB 3.2 x2, Power Switch, Power/HDD LED
- Rear Panel: USB 3.2 Gen 2 x2, USB 3.2 Gen 1 x4, HDMI x3, VGA, Dual Intel GigaLANs x2, RS 232/422/485, Line-out, Line-in, Mic-in
- Expansion (low profile): PCIe [x16] x1, PCIe [x16] (8 lanes) x1, PCIe [x4] x1, PCIe[x4] (2 lanes) x1
- Internal 2x 2.5-inch HDD



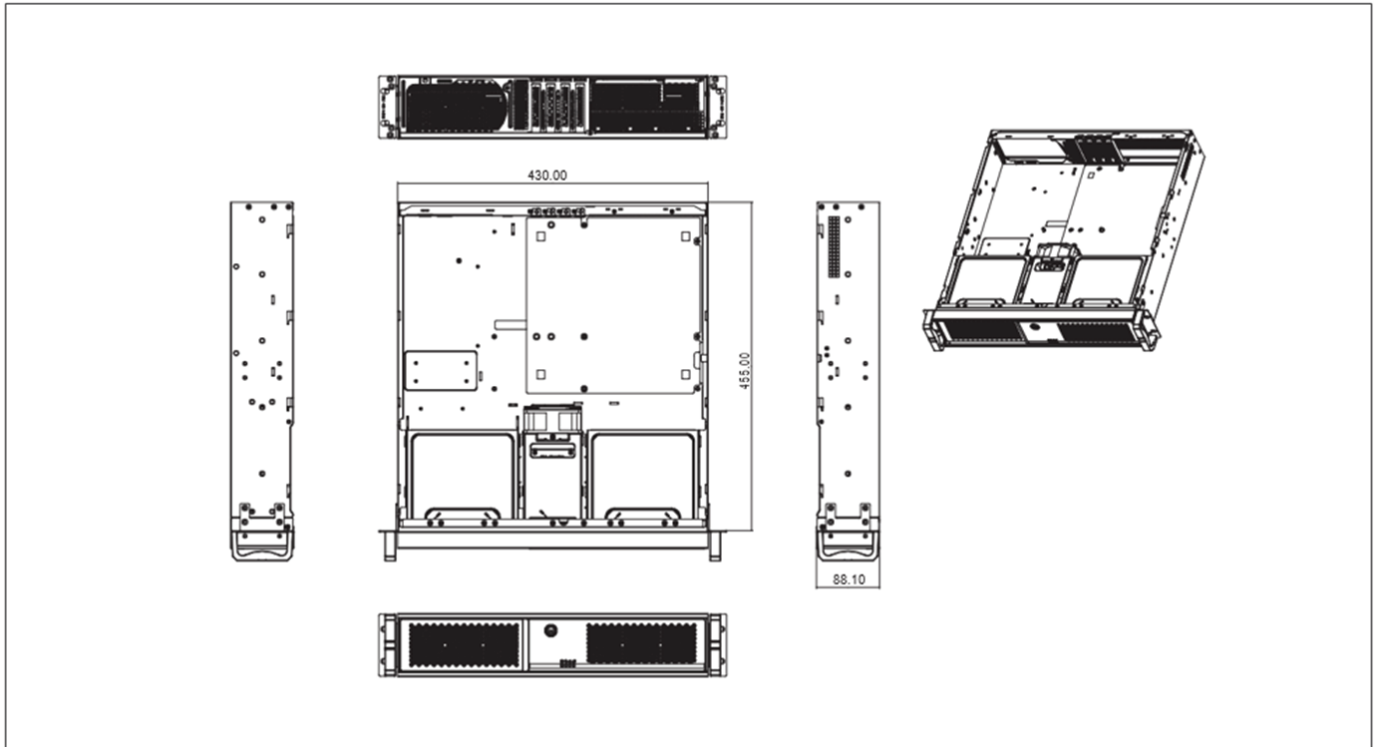
Specifications

System	
CPU	Intel® 10th Generation (formerly Comet Lake S) Core™ i9/i7/i5/i3, Pentium 14nm LGA 1200 socket Processor, max TDP 10 Cores 80W
Chipset	Intel® Q470E Express Chipset
Memory	DIMM x 4, DDR4 (2933/2666/2400 MHz, max. 128GB) ECC, un-buffered memory Dual-channel memory architecture
BIOS	256M bit Flash ROM x1, AMI BIOS
Display Interface	HDMI x 3, VGA x 1
Storage	Slim HDD x2 M.2 2280 M-key (PCIex4/SATA3) x 1
Audio	High Definition Audio CODEC
TPM	Nuvoton NPCT750AABYX TPM 2.0 onboard (optional)
Ethernet	Intel® PHY i219LM Giga LAN x1 (supports Intel® AMT 12.0) Intel® i211AT Giga LAN x 1
Wake on LAN	YES (WOL / PXE)
H/W Monitor	Temperature Monitor on CPU/Chassis, Voltage Monitor on Vcore/5V/3.3V/12V, Fan Monitor on CPU/Chassis
Watchdog Timer	1-255 seconds, programmable
System Fan	Front: 1 x 80mm (T=32mm), FAN, PWM mode. Rear: 2 x 40mm (T=28mm) Optional

System I/O	
Front Panel	Power On/Off button, LED for Power/HDD, 2x USB 3.2 (Gen 1)
Rear Panel I/O	USB 3.2 Gen2 ports (10 Gbps) x 2, USB 3.2 Gen1 ports (5 Gbps) x 4 HDMI x 3, VGA x 1 COM RS232/422/485 x1 Audio Jack x 3: Line-in, Mic-in, Line-out LAN (RJ45) ports x 2 Expansion Slot x 4 ATX PSU Socket
Internal I/O	SATA III (6.0Gb/s) ports x 4, support RAID 0/1/5/10 M.2 2280 M-key (PCIex4/SATA3) x 1 USB 2.0 headers x 1, USB 3.2 Gen 1 Type A (Vertical) 3 x RS-232 headers 8-bit Digital I/O interface (In/Out programmable) x 1
Expansion	PCIe 3.0[x16] Slot x 1 (16 lanes) (8 lanes when use dual PCIe x 16) PCIe 3.0 [x 16] Slot x 1 (8 lanes) PCIe 3.0[x4] Slot (open edge) x 1 PCIe 3.0[x4] Slot (open edge) x 1 (2 lanes) M.2 2230 E-key (PCIex1/USB2.0/CNV1) x 1 M.2 2280/2242 M-key (PCIex4/SATA3) x 1 M.2 3042/ 3052 B-Key x 1 Micro SIM Card slot x 1
Power	
Power Requirement	ATX power supply Input: 90~264V Output: 500W
Mechanical	
Color	Silver, 1.2 mm SGCC
Dimensions	455 D x 430 W x 88 H (mm)
Gross Weight	TBC
Environmental	
Operating Temperature	0°C ~ 40°C
Storage Temperature	-20° C ~ 70° C
Storage Humidity	0~90%, non-condensing

Dimension

Unit: mm



Packing List

- Product CD (Driver DVD)
- EU Power Cord
- ACS-6000-Q470A

Optional Accessories

- EP-FNDNT01-K785
K785 CPU Cooler, 2- Ball, Screw Fastener Mounting.
- EP-FNE97379-003
Intel CPU Cooler, 2- Ball, Push-pin type

Ordering Information

P/N	Description	Remark
ACS-6000-Q470A-A10-00010	Barebones 2U Rackmount system, with MAX-Q470A-A10 M/B, with system Front 2-door bezel, 500W PSU, with System FAN (Front)	