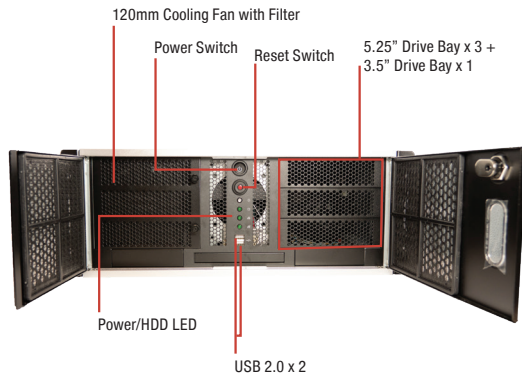


ACS-9000-Q370A

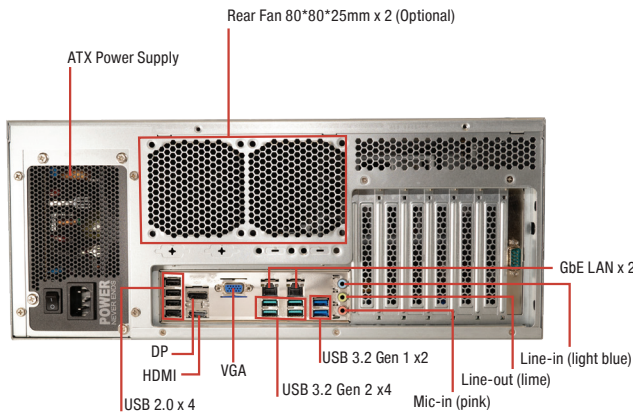
4U 17.5" Rackmount Chassis with 8th/9th Generation Intel® Core™ Processor, DDR4 DRAM, Supports iAMT 12.0, and Intel® CNVi WLAN Card

Turn-Key Chassis Solutions

Front View



Rear View



Features

- Industrial Turnkey 4U Rackmount system
- 8th/9th Generation Intel® Core™ LGA1151 Processor
- DDR4 DIMM 2666/2400/2133 MHz, max. 128GB
- Front Panel: Front Door with lock, 120mm System FAN x 1, USB 2.0 x 2, Power switch, Reset Switch, Power/ HDD LED, 5.25" Drive Bay x3 + 3.5 inch Drive Bay x 1
- Rear Panel: HDMI x1, VGA x1, DP x1, Dual Intel® Gigabit Ethernet, i211AT x1, i219LM x1 (Supports Vpro), USB 3.2 Gen 2 ports x 4, USB 3.2 Gen 1 ports x2, USB 2.0 ports x4, 2x 80mm FAN (Optional)
- PCIe [x16] x1, PCIe [x4] (open edge) x2, PCIe [x 1] (open edge) x2, PCI x 2
- Internal 4 x 3.5" HDD



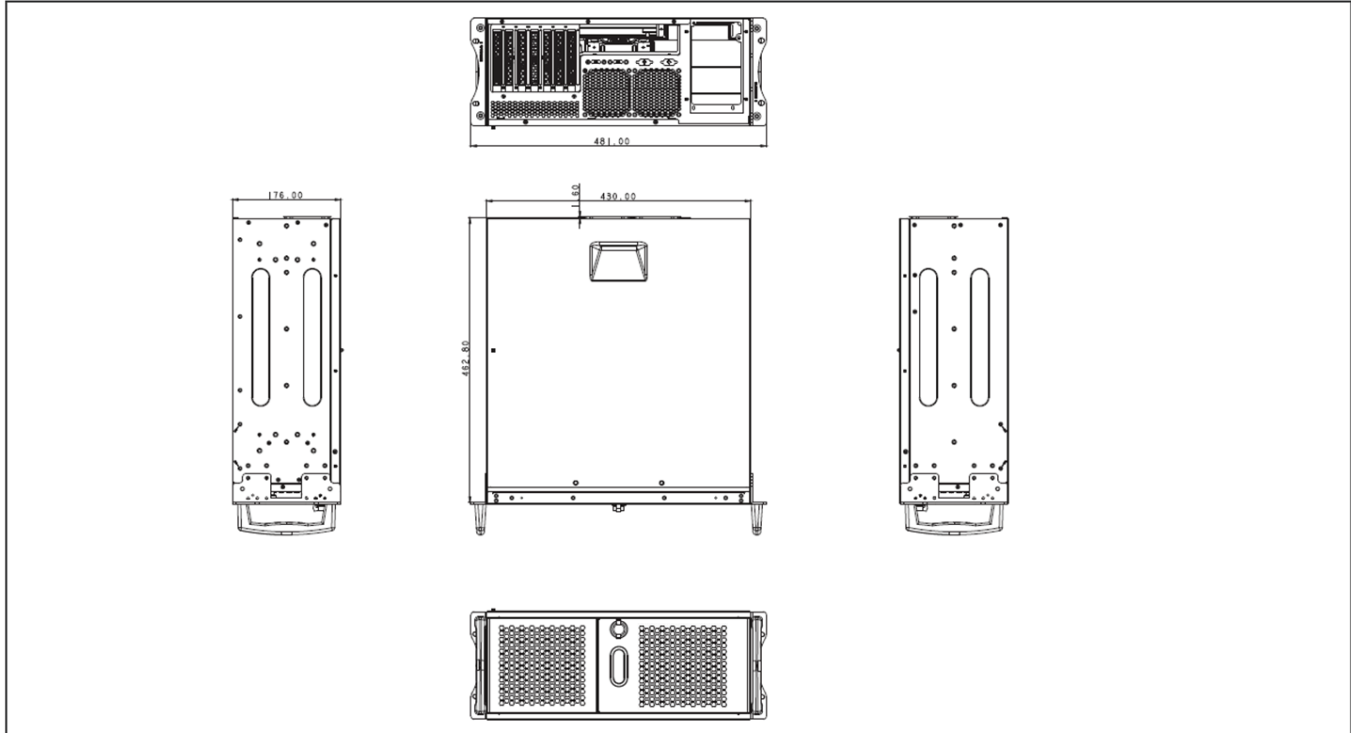
H/W Monitor	Temperature Monitor on CPU/Chassis, Voltage Monitor on Vcore/5V/3.3V/12V, Fan Monitor on CPU/Chassis
Watchdog Timer	1-255 seconds, programmable
Wake On LAN	Yes (WOL / PXE)
System Fan	Front: 1 x 120mm (T=25mm) FAN, PWM mode. Rear: 2 x 80mm (T=25mm) FAN, PWM mode (Option)
I/O	
Front Panel	Power On/Off button, LED for Power/HDD, 2x USB 2.0
Rear Panel I/O	USB 3.2 Gen2 ports (10 Gbps) x 4, USB 3.2 Gen1 ports (5 Gbps) x 2, USB 2.0 ports x 4 HDMI x 1, VGA x 1, DP x 1 Audio Jack x 3: Line-in, Mic-in, Line-out LAN (RJ45) ports x 2 Expansion Slot x 7 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 support additional 2 USB ports (2x5PIN, p=2.54mm) 5 x RS-232 headers 1 x RS-232/422/485 (COM1, supports 5V/12V/Rl optional) 8-bit Digital I/O interface (In/Out programmable) x 1
Expansion	PCIe 3.0[x16] Slot x 1 PCIe 3.0[x4] Slot (open edge) x 2 PCIe 3.0[x1] Slot (open edge) x 2 PCI x 2, M.2 2230 E-key (PCIex1/USB2.0/CNVi) x 1 M.2 2280 M-key (PCIex4/SATA3) x 1
Power	
Power Requirement	ATX power supply Input: 180~265V Output: 600W.
Mechanical	
Color & Material	Silver, 1.2mm SGCC
Dimensions	463 D x 430 W x 176 H (mm), 17.5" x 16.9" x 6.9"
Gross Weight	14 KGs
Environmental	
Operating Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 70°C
Storage Humidity	0~90%, non-condensing

Specifications

System	
CPU	Intel® 8th/9th Generation (Coffee Lake-S/Coffee Lake-S Refresh) Core™ i9/ i7/ i5 /i3, Pentium 14nm LGA 1151 socket Processor, max TDP 8 Core 95W
Chipset	Intel® Q370 Express Chipset
Memory	DIMM x 4, DDR4 (2666/2400/2133 MHz, max. 128GB) Non-ECC, un-buffered memory Dual channel memory architecture
BIOS	256Mbit Flash ROM x1, AMI BIOS
Display Interface	HDMI x 1, VGA x 1, DP x 1
Storage	SATA III (6.0Gb/s) ports x 4, support RAID 0/1/5/10 M.2 2280 M-key (PCIex4/SATA3) x 1
Audio	Realtek® ALC897 High Definition Audio CODEC
Ethernet	Intel® PHY i219LM Giga LAN (supports Intel® AMT 12.0) x 1 Intel® i211AT Giga LAN x 1 (BOM option: i211AT x2) RJ45 x 2 (BOM option: RJ45 x3)
TPM	Nuvoton NPCT750ABBYX TPM2.0 onboard

Dimension

Unit: mm



Packing List

- Product CD (Driver DVD)
- EU Power Cord
- ACS-9000-Q370A

Optional Accessories

- **EP-FNDNT01-K785**
K785 CPU Cooler, 2- Ball, Screw Fastener Mounting.
- **EP-FNE97379-003**
Intel CPU Cooler, 2- Ball, Push-pin type
- **9689666690**
2.5-to-3.5-inch HDD Cage, Rack mount
- **EP-PS800WHP2-8F**
800W none modular ATX PSU, 80 PLUS Bronze 100-240Vac

Ordering Information

P/N	Description	Remark
ACS-9000-Q370A-A20-00020	Barebones 4U Rackmount system, with ATX-Q370A-A20-2L M/B, with system Front 2-door bezel. 600W PSU, with System FAN (Front)	
ACS-9000-Q370A-A20-00031	Barebones 4U Rackmount system, with ATX-Q370A-A20-2L M/B, with system Front 2-door bezel. 800W PSU, with System FAN (Front + Rear)	