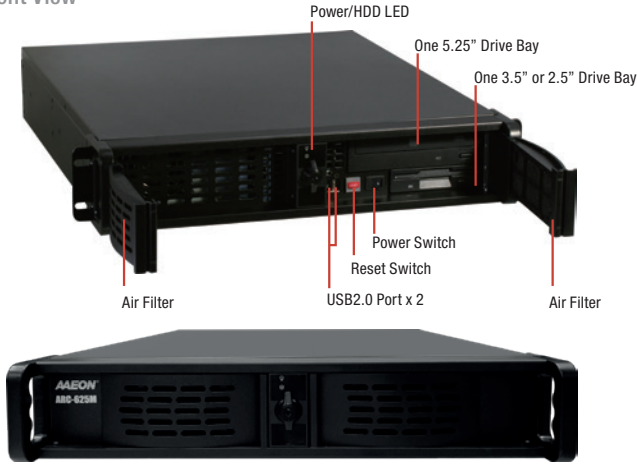


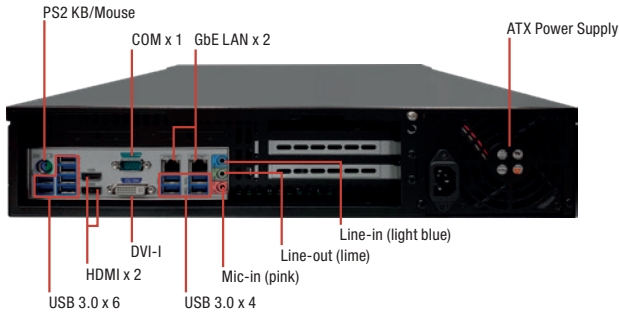
RT-625R-Q170

2U Rackmount Chassis with Micro-ATX with 7th/6th Generation Intel® Core™ Processor, DDR4 DRAM, USB x 14, Supports iAMT 11.0

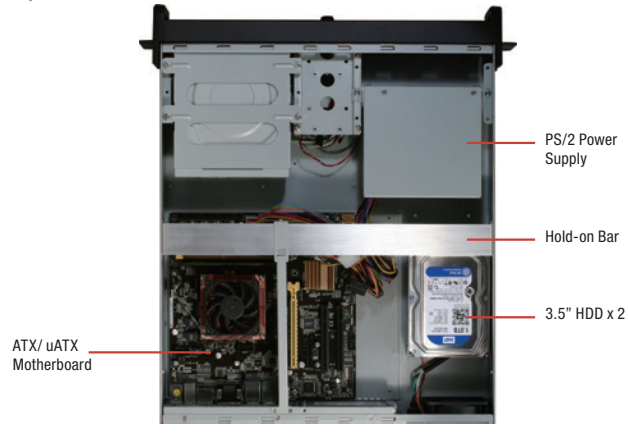
Front View



Rear View



Top View



Features

- Industrial computer/workstation for automation and AI edge computing
- 7th/6th Generation Intel® Core™ LGA1151 Processor
- DDR4 DRAM Support, 2133 MHz, Max. 64GB
- Dual Intel® Gigabit Ethernet, LAN1 Supports iAMT 11.0
- PCIe[x16] x 1, PCIe[x4] x 1 (open edge), PCIe[x1] x 1 (open edge), PCI x 1
- USB 3.0 Port x 10, USB 2.0 Port x 4
- SATA 6.0 Gb/s x 6
- Intel VPU with 8x Myraid X support for AI acceleration(optional)
- Support Windows® 7/8/10, Linux Ubuntu 16.04.4 and later
- Support AAEON grabber card



Audio	Realtek® ALC887 (Colay with ALC886)
Ethernet	LAN 1: Intel® PHY i219LM Giga LAN (supports iAMT 11.0) x 1 LAN 2: Intel® i211AT Giga LAN x 1
TPM	N/A
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 steps by software program
Smart Fan control	CPU Fan x 1, Chassis Fan x 2
Wake On LAN/ PXE	Yes (WOL/PXE)
Power State	S3, S4, S5
System Fan	8cm Ball Bearing Fan with Removable Filter x 1
I/O	
Front Panel	Power ON/OFF Switch x 1 Reset Button x 1 Power ON LED x 1 Hard Disk Drive Active LED x 1 USB ports x 2
Rear Panel I/O	USB 3.0 port x 10 USB 2.0 port x 4 by 2 additional USB cables DVI-I x 1, HDMI x 2 Audio Jack x 3: Line-in, Mic-in, Line-out LAN (RJ-45) port x 2 RS-232/422/485 DB-9 connector x 1 (COM1, supports 5/12V on RI pin) RS-232 header x 5 PS/2 Combo Port (Keyboard & Mouse) x 1 8-bit Digital I/O interface x 1 (In/Out programmable)
Internal I/O connectors	Supports RAID 0/1/5/10 SATA 6.0Gb/s x 4, M.2 M key (PCIex4) x 1 USB 2.0 x 3 RS-232 header x 5 8-bit DIO x 1 (In/Out programmable) 4-pin CPU Fan x 1, 4-pin Chassis Fan x 2 Front panel header x 1, Clear CMOS jumper x 1, BIOS flash header (2[x4]P p=1.27mm) x 1, Chassis Intrusion x 1, AT/ATX mode select jumper x 1
Expansion	PCIe[x16] x 1, PCIe [x4] x 1 PCIe[x1] x 1, PCI x 1
Power	
Battery	—
Power Requirement	ATX power supply Input:90~264V Output:500W.
Mechanical	
Color	Black
Dimensions (W X H X D)	19" (W) x 20.8" (D) x 3.5" (H) (482mm x 528mm x 88.2mm)
Gross Weight	TBC
Net Weight	TBC
Environmental	
Operating Temperature	32°F ~ 113°F (0°C ~ 45°C)
Storage Temperature	-49°F ~ 176°F (-45°C ~ 80°C)
Storage Humidity	0~90%, non-condensing

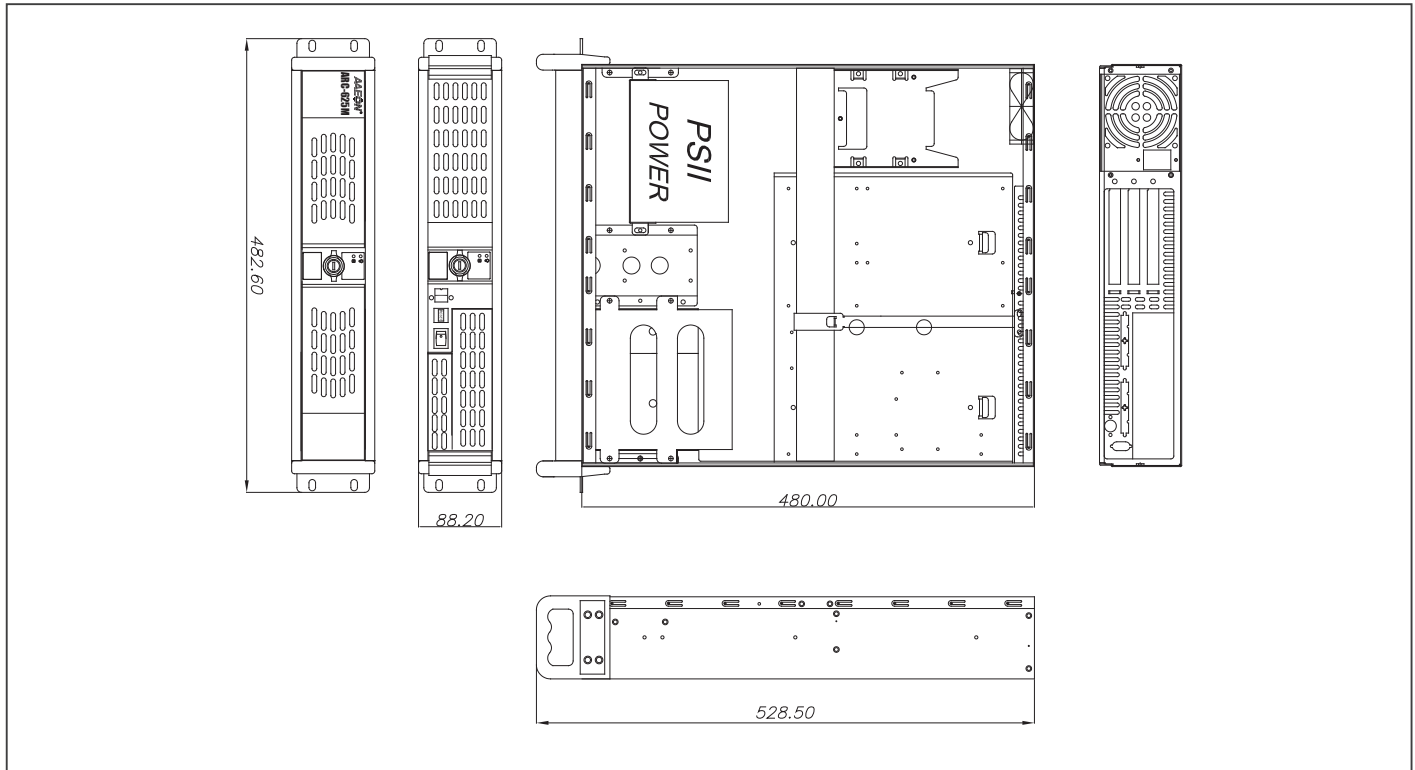
Specifications

System	
CPU	7th/6th Generation Intel® Core™ i7/i5/i3/Pentium®/ Celeron® 14nm LGA1151 Socket Processor
Chipset	Intel® Q170
System Memory	288-pin DIMM x 4, max. 64GB, DDR4 2400/2133/1867, dual-channel
I/O Chipset	NCT6791D, F81216HD
Display Interface	VGA, HDMI
Storage	External: 3.5" Disk Drive x 1 5.25" CD-ROM or Removable Hard Disk Drive x 1 Internal: 3.5" Hard Disk Drive Bay x 2
Storage Devices	3.5" HDD x 3(Up to 4 by optional part), supports Intel RAID 0/1/5/10 SATA3 (6.0Gb/s)

RT-625R-Q170

Dimension

Unit: mm



Packing List

- Product CD (Driver DVD)
- Accessory Box (Cable And Screw Bag)
- RT-625R-Q170

Ordering Information

- RT-625R-Q170-A10-001
Rackmount 2U Chassis, IBM-Q170A-A10-K, ATX power supply 500W, Black color

Optional Accessories

- COOLER-65W-01
1U CPU cooler
- AP-FNTH1Q370010
2U CPU cooler for TDP 95W
- 175921156B
2U CPU Cooler (2-Ball, Push-pin Type)
- 1759200172
2U CPU Cooler (2-Ball, Screw with Retention Plate)
- 1702031802
Power Cord (US & Taiwan Type)
- 1702031803
Power Cord (European Type)
- 170203180E
Power Cord (Japanese Type)
- AP-FW9789182100
(TF)3.5" to 2.5" HDD bracket.Tragant.DeLock 18210
- AP-OT9789343000
5.25" converter bracket, supports 1x 3.5" hard drive or 2 x 2.5" hard drive