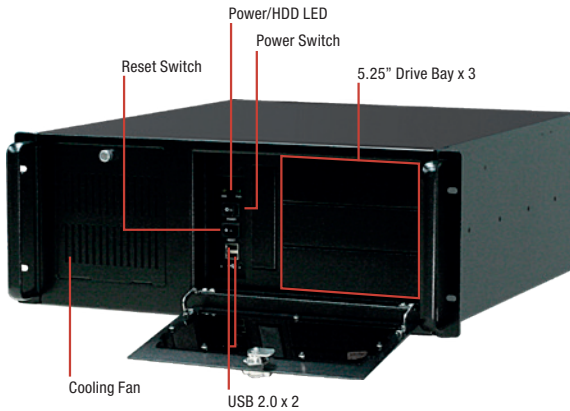


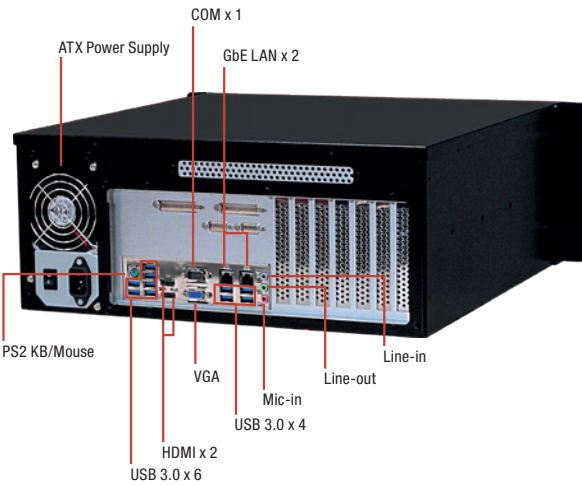
RT-640R-Q170

4U Wallmount Chassis with 7th/6th Generation Intel® Core™ Processor, DDR4 DRAM, USB x 13, Supports iAMT 11.0

Front View



Rear View



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	5.25" Drive Bay x 3 Internal: 3.5" Drive Bay x 1
Storage Devices	SATA3 x 3 M.2 M key 2280 x 1 (SATA module only) Supports Intel RAID 0/1/5/10

Features

- Industrial computer/workstation for automation and AI edge computing
- 7th/6th Generation Intel® Core™ LGA1151 Processor
- DDR4 DRAM Support, 2400 MHz, Max. 64GB
- Dual Intel® Gigabit Ethernet, LAN1 Supports iAMT 11.0
- PCIe [x16] x1, PCIe [x4] x2, PCI x3, M.2 Slot (M key/2280, SATA module only) x1, M.2 Slot (E key/2230) x1
- Intel® VPU with 8 x Myriad™ X support for AI acceleration(optional)
- Support Win7/8/10, Linux Ubuntu 16.04.4 and later
- Support AAEON grabber card

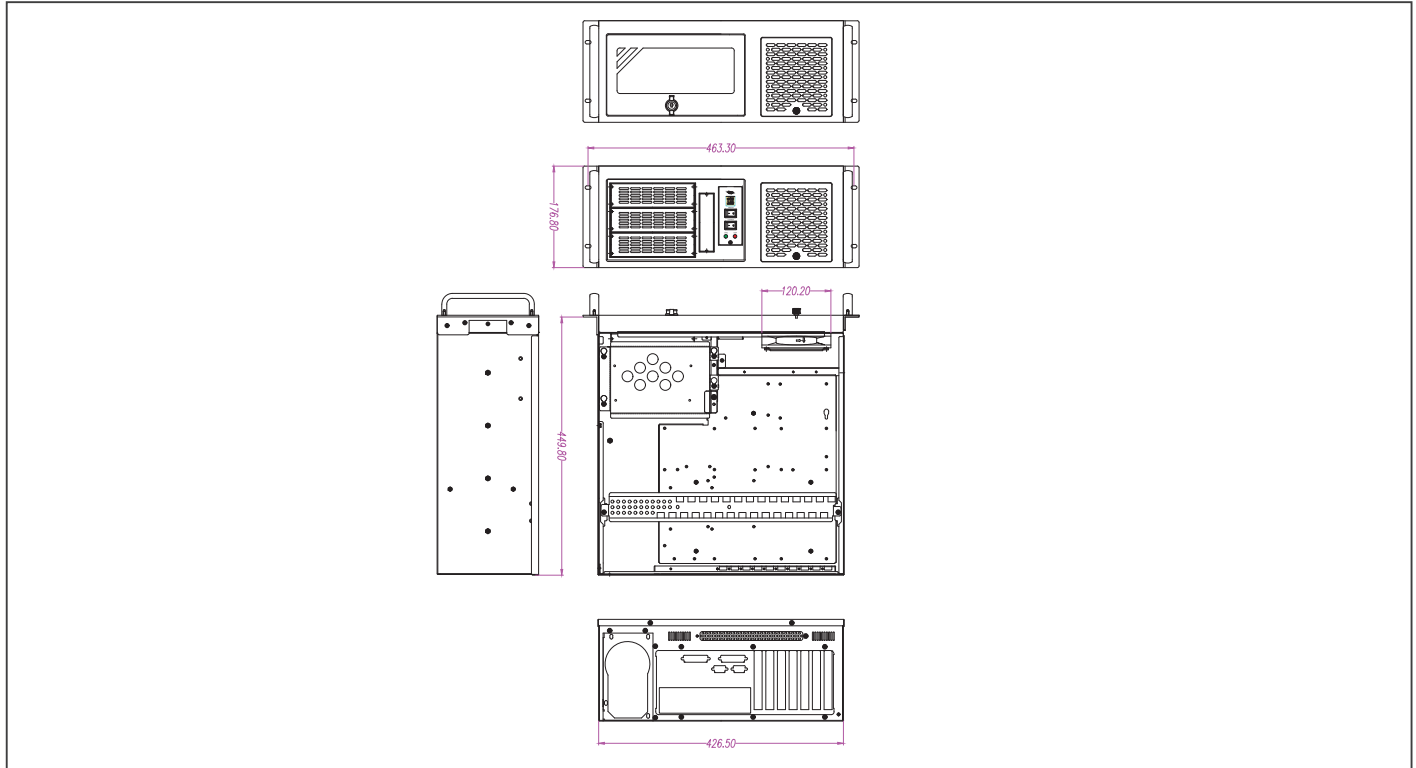


Audio	Realtek® ALC887 (Colay with ALC886)
Ethernet	LAN1: Intel® PHY I219LM Giga LAN (supports iAMT 11.0) LAN2: Intel® I211AT Giga LAN
TPM	N/A
H/W Monitor	Temperature Monitor on CPU/Chassis, Voltage Monitor on Vcore/5V/3.3V/12V, Fan Monitor on CPU/Chassis
Watchdog Timer	1~255 steps by software program
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 x 2
Rear Panel I/O	USB 3.0 port x 10 USB 2.0 port x 3 by 2 additional USB cables VGA 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] (open edge) x 2, PCI x 3, M.2 E key (22 x 30mm) x 1, M.2 M key (22 x 80mm, for SATA) x 1
Power	
Battery	—
Power Requirement	ATX power supply Input:90~264V Output:500W.
Mechanical	
Color	Black
Dimensions (W X H X D)	17.7" (W) x 18.24" (D) x 6.96" (H) (449.8mm x 463.30mm x 176.8mm)
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

RT-640R-Q170

Dimension

Unit: mm



Packing List

- Product CD (Driver DVD)
- Accessory Box (Cable And Screw Bag)
- RT-640R-Q170

Ordering Information

- RT-640R-Q170-A10-001
4U Industrial Chassis, IMBA-Q170A-A10-2P4, 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