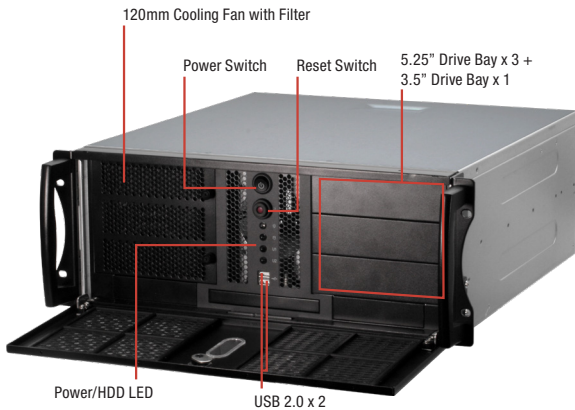


# RT-660R-Q170

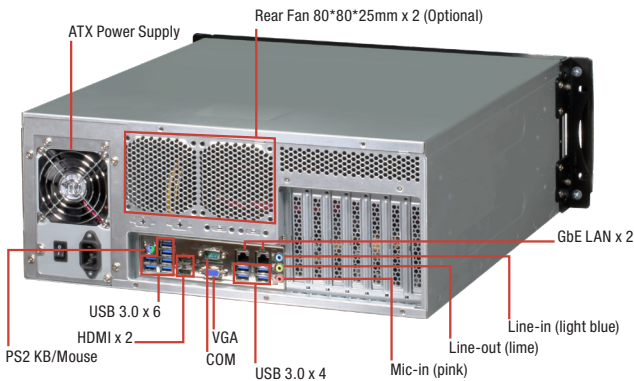
4U 17.5" Rackmount Chassis with 7th/6th Generation Intel® Core™ Processor, DDR4 DRAM, USB x 13, Supports iAMT 11.0

Turn-Key Chassis Solutions

Front View



Rear 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



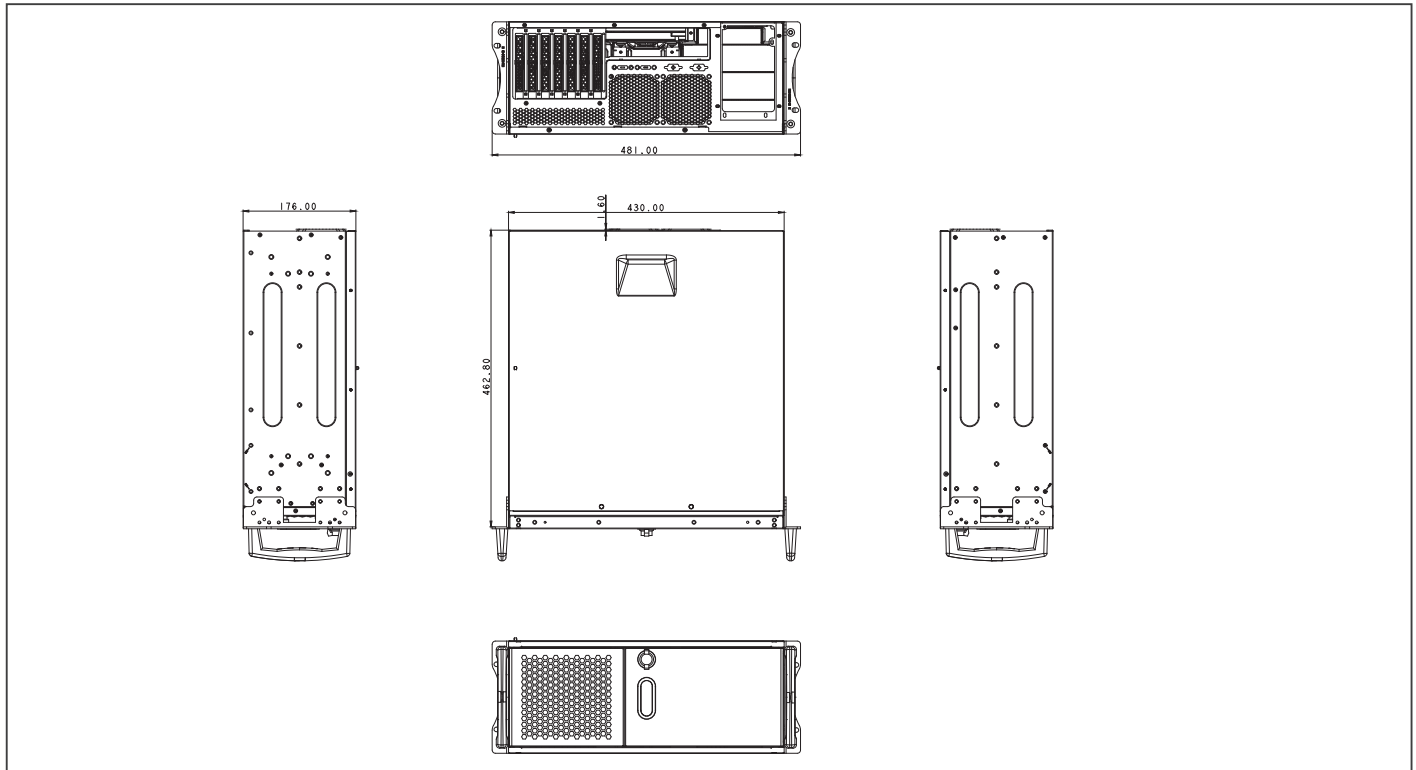
H/W Monitor	Temperature Monitor on CPU/Chassis, Voltage Monitor on Vcore/5V/3.3V/12V, Fan Monitor on CPU/Chassis
Watchdog Timer	1~255 steps by software program
Smart Fan control	CPU Fan connector(s) (4-pin) x 1 Chassis Fan connector(s) (4-pin) x 2
Wake On LAN/ PXE	Yes (WOL / PXE)
Power State	S3, S4, S5
System Fan	Front: 1 x 120mm (T=25mm), PWM mode. Rear: 2 x 80mm (T=25mm)(Option) PWM mode.
<b>I/O</b>	
Front Panel	Power On/Off, System Reset, 2 x USB2.0
Rear Panel I/O	USB 3.0 x 10 HDMI x 1, VGA x 1, DP x 1 Audio Jack x 3: Line-in, Mic-in, Line-out LAN (RJ45) ports x 2 DB-9 COM x 1 (supports RS-232/422/485, 5V/12V/RI) Stack Port (Keyboard & Mouse) x 1
Internal I/O connectors	Storage: Supports RAID 0/1/5/10 SATA 6.0Gb/s x 3, M.2 M key (SATA) x 1 USB: USB 2.0 x 3 Audio I/O: 1 x speaker header (Line-out) Serial Port: 5 x RS-232 headers DIO: 8-bit Digital I/O interface (In/Out programmable) x 1 Others: Chassis Intrusion x 1, AT/ATX mode select jumper x 1, Front panel header x 1, Clear CMOS 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
<b>Power</b>	
Battery	—
Power Requirement	ATX power supply Input: 90~264V Output: 500W.
<b>Mechanical</b>	
Color	Silver
Dimensions (W X H X D)	445 x 430 x 176 (mm), 17.5" x 16.9" x 6.9"
Gross Weight	TBC
Net Weight	TBC
<b>Environmental</b>	
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	Intel® 7th/ 6th Generation(Kaby Lake-S/ Skylake-S) 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	HDMI x 2, VGA x 1
Storage	Supports RAID 0/1/5/10 SKU1: SATA 6.0Gb/s x 3, M.2 M key (SATA) x 1 SKU2: SATA 6.0Gb/s x 4, M.2 M key (PCIex4) x 1
Storage Devices	External 5.25" x 3, Internal 3.5" x 4 + 2.5" x 1
Audio	Realtek® ALC887 (Colay with ALC886)
Ethernet	Intel® PHY i219LM Gb LAN (supports Intel® AMT 12.0) x 1 Intel® i211AT Gb LAN x 1 RJ45 x 2
TPM	Nuvoton NPCT6xx TPM2.0 (Optional)

## Dimension

Unit: mm



## Packing List

- Product CD (Driver DVD)
- Accessory Box (Cable And Screw Bag)
- RT-660R-Q170

## Ordering Information

- RT-660R-Q170-A10-0001  
4U 17.5" Rackmount Chassis, IMBA-Q170A, ATX power supply 500W, Silver color

## Optional Accessories

- 1709100330  
USB 2.0 cable (9P, 330MM, p=2.54mm, w/bracket)
- AP-CB1701100505  
(TF)COM port cable.DB9M+DB9M.IDC 10P+ IDC 10P.500MM
- 175921156B  
CPU Cooler (2-Ball, Push-pin Type)
- 1759200172  
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
- 1759232902  
Rear Fan.8 0\*80\*25mm. 12VDC. PWM 4-pin, L=300mm. sunon. PF80251B1-Q120-S99