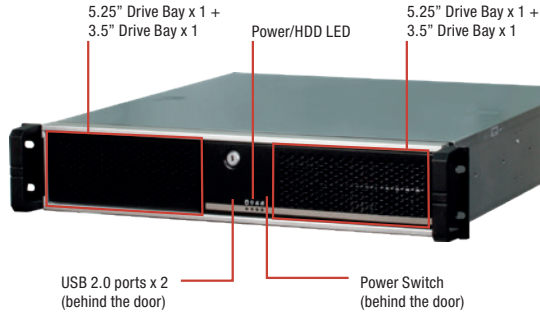


RT-620R-H310

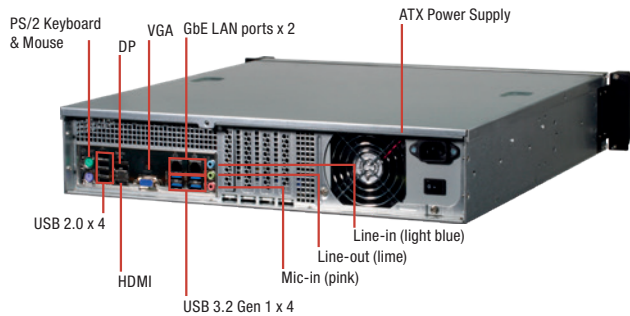
2U Industrial Server Chassis with 8th/9th Generation Intel® Core™ Processor, DDR4 DRAM, Multiple Display Ports

Turn-Key Chassis Solutions

Front View



Rear View



Features

- Industrial computer/workstation for automation and AI edge Computing
- 8th/9th Generation Intel® Core™, Celeron™ LGA 1151 socket Processor
- DDR4 2666/2400/2133 MHz, max. 32GB
- Three Independent Displays: HDMI x 1, DP x 1, VGA x 1
- Dual Intel® Gigabit Ethernet, i211AT x 1, i219V x 1
- USB 3.1 Gen 1 ports x 4, USB 2.0 ports x 4
- M.2 M-key (SATA) x 1
- Intel® VPU with 8x Myraid X support for AI acceleration (optional)
- Support Windows® 10 64bit, Linux Ubuntu 64bit (18.04.1/Kernal4.8.0) and later
- Support AAEON grabber card



H/W Monitor	Temperature Monitor on CPU/System, 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 80mm (T=32mm), PWM mode. Rear: 2 x 40mm (T=28mm)(Option), PWM mode.
I/O	
Front Panel	Power On/Off, System Reset, 2 x USB 2.0
Rear Panel I/O	USB 3.2 Gen 1 ports (5 Gbps) x 4, USB 2.0 ports x 4, DP x 1, VGA x 1, HDMI x 1 Audio Jack x 3: Line-in, Mic-in, Line-out PS/2 combo Port (Keyboard & Mouse) x 1 LAN (RJ45) ports x 2
Internal I/O connectors	Storage: SATA III (6.0Gb/s) ports x 3, support RAID 0/1/5/10 M.2 2280 M-key (SATA) x 1 USB: USB 2.0 header support additional 2 USB ports (2x5PIN, p=2.54mm) x 1 Audio I/O: speaker header (Line-out) x 1 Serial Port: RS-232 Boxer headers x 5 RS-232/422/485 Boxer header (COM1, Pin9 supports 5V/12V/RI optional) x 1 DIO: 8-bit Digital I/O interface (In/Out programmable) x 1 FAN: CPU Fan connector(s) (4-pin) x 1 Chassis Fan connector(s) (4-pin) x 2 Others: Chassis Intrusion x 1 AT/ATX mode select jumper x 1 Front panel header x 1 Clear CMOS jumper x 1
Expansion	PCIe 3.0[x16] Slot x 1, PCIe 2.0[x1] Slot (open edge) x 3, M.2 2280 M-key (SATA) x 1
Power	
Battery	—
Power Requirement	ATX power supply Input:90~264V Output:300W.
Mechanical	
Color	Silver
Dimensions (W X H X D)	457.2 x 430 x 88 (mm) , 18" x 16.9" x 3.5"
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%RH, non-condensing

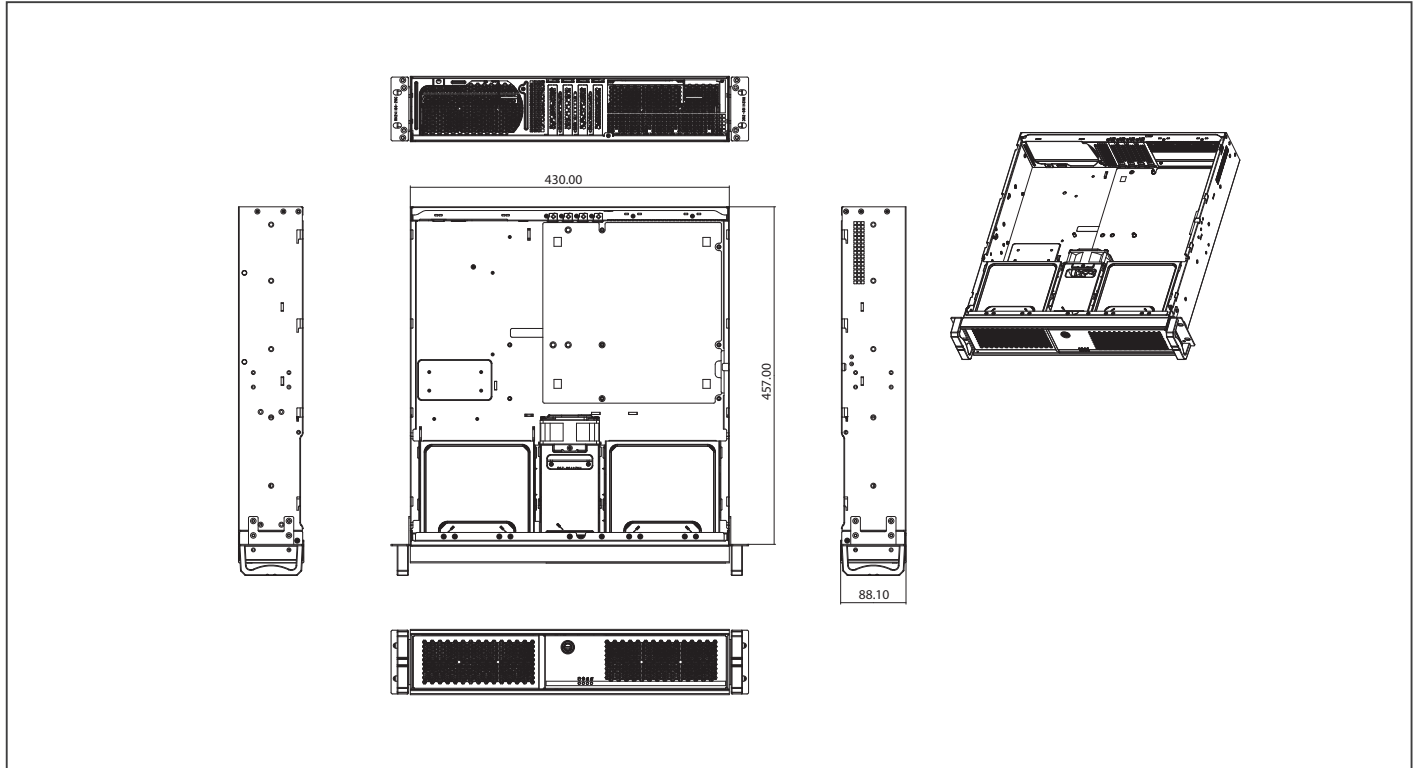
Specifications

System	
CPU	8th/9th Generation Intel® (Coffee Lake-S) Core™ i7/ i5 /i3, Pentium™ 14nm LGA 1151 socket Processor.
Chipset	Intel® H310 Express Chipset
System Memory	2 x DIMM, DDR4 (2666/2400/2133 MHz, max. 32GB) Non-ECC, un-buffered memory Dual-channel memory architecture
I/O Chipset	NCT6793D+ F81216HD
Display Interface	HDMI x 1, VGA x 1, DP x 1
Storage	SATA III (6.0Gb/s) ports x 3, support RAID 0/1/5/10 M.2 2280 M-key (SATA) x 1
Storage Devices	Exposed: 2 x 5.25" + 2 x 3.5" Internal: 2 x 2.5"
Audio	Realtek® ALC887 6-Channel High Definition Audio CODEC
Ethernet	Intel® PHY i219V Gb LAN x 1 Intel® i211AT Gb LAN x 1, RJ45 x 2
TPM	N/A

RT-620R-H310

Dimension

Unit: mm



Packing List

- Product CD (Driver DVD)
- Accessory Box (Cable And Screw Bag)
- RT-620R-H310

Ordering Information

- RT-620R-H310-A10-001
2U Rackmount Chassis, MAX-H310A, ATX power supply 300W, Silver 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