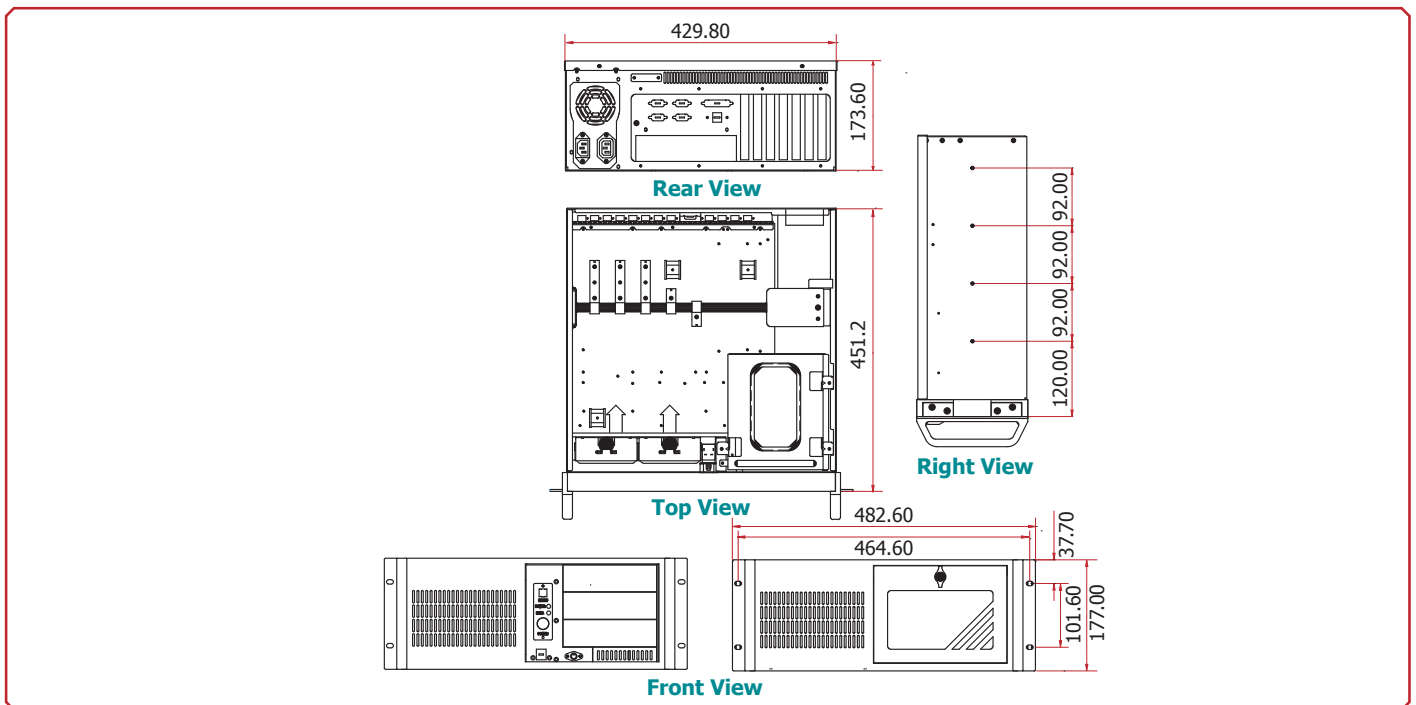# RM641-PR

C621

▶ Features

- Intel® Xeon® Scalable Rackmount 4U Box PC
- Up to 1x 3.5" SATA drive bay and 3x 5.25" optical drive bays
- Front-accessible system fan and USB interfaces
- Supports 7 expansion slots: 2 PCIe x16, 2 PCIe x8, 1 PCI, 1 M.2
- Designed for industrial server application

▶ Panel

Coming Soon

COM
PS/2 KB/MS   DVI   LAN 1-2   Expansion Slots

Power Button   USB 2.0   HDMI   USB 3.0   Line-out/Mic-in
VGA

Front View

Rear View

▶ Dimensions

429.80

173.60

Rear View

451.2

Top View

92.00 92.00 92.00
120.00 92.00

Right View

482.60
464.60
37.70
101.60 177.00

Front View

▶ Specifications

SYSTEM	Processor	Intel® Xeon® Scalable Processor Family, LGA 3647 Socket, TDP up to 165W
	Chipset	Intel® C621 Chipset
	Memory	Six 288-pin RDIMM up to 192GB Single Channel DDR4 up to 2666 MHz
	BIOS	Insyde SPI 128Mbit
GRAPHICS	Display	1 x VGA (opt.)
	Single Displays	VGA
STORAGE		3 x 5.25" Optical Drive Bays (Front Accessible) 1 x 3.5" SATA 3.0 Drive Bay (Front Accessible)
EXPANSION	Interface	2 x PCIe x16 (Gen 3) 2 x PCIe x8 (Gen 3) 1 x PCI 1 x DDR4 SO-DIMM for SEM2500/2510 (opt.) 1 x M.2 M key 2280 (SATA/PCIe Gen3 x4 NVMe)
AUDIO	Audio Codec	ALC887
ETHERNET	Controller	2 x Intel® I210AT PCIe (10/100/1000Mbps) IPMI: 1 x RTL8211F
LED	Indicators	1 x Power LED 1 x HDD LED
FRONT I/O	USB	2 x USB 2.0 (available upon request)
	Front Door	1 x Drive Panel Door With Keylock
	Buttons	1 x Power Switch 1 x Reset Switch
REAR I/O	Ethernet	2 x GbE (RJ-45) 1 x dedicated IPMI LAN (opt.)
	USB	4x USB 3.1 Gen1 2x USB 2.0 stack (opt.w/ RJ45+USB2.0 stack)
	Display	1 x VGA
COOLING	Fan	2 x 92cm System Fan with Quick Access Filter
WATCHDOG TIMER	Output & Interval	System Reset, Programmable via Software from 1 to 255 Seconds
POWER	Supply	ATX PS/2 Power Supply 500W~2000W AC Power Input : 90~264V
OS SUPPORT		Windows 10 IoT Enterprise LTSB RS1(64-bit) Ubuntu16.04 Windows Server 2012R2 Windows Server 2016
MECHANISM	Construction	SECC
	Mounting	Flexible Hold Down Bar
	Dimensions (W x H x D)	483mm x 177mm x 451mm
	Weight	TBD
ENVIRONMENT	Operating Temperature	0 to 45°C
	Storage Temperature	-20 to 60°C
	Relative Humidity	0 to 90% RH (non-condensing)
STANDARDS AND CERTIFICATIONS	Shock	Operating: 3G Non-operating: 5G
	Vibration	Operating: Random 5~500Hz 1G Non-operating: Sweep Sine 10~500Hz 1.5G
	Package Drop	ISTA Project 1A
	Certification	TBD