

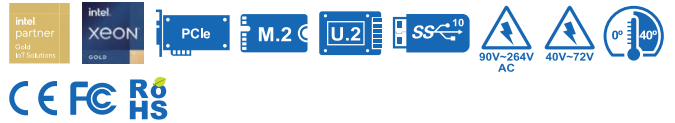
RMS-4000

3rd Gen Intel® Xeon® Scalable Processors (Ice Lake SP) 2U Rackmount Server



Features

- Dual Intel® Xeon® Scalable Gen3 Processors (Code name: Ice Lake SP), single processor up to 40 Cores provide 1.46x performance improve
- 16 DDR4 3200MHz RDIMMs, up to 512GB
- 2 PCIe 4.0 x16, 2 PCIe 4.0 x8 for Full-Length/Full-Height PCIe cards
- Front-access 4 2.5" hot swappable SSD/HDD and 2 U.2 supports RAID 0, 1, 5, 10
- Standard 19" 2U Rackmount Server with DC/AC input Redundant Power Supply Unit (CRPS, up to 2000W)
- Optional supports TPM 2.0 or BMC module for system management



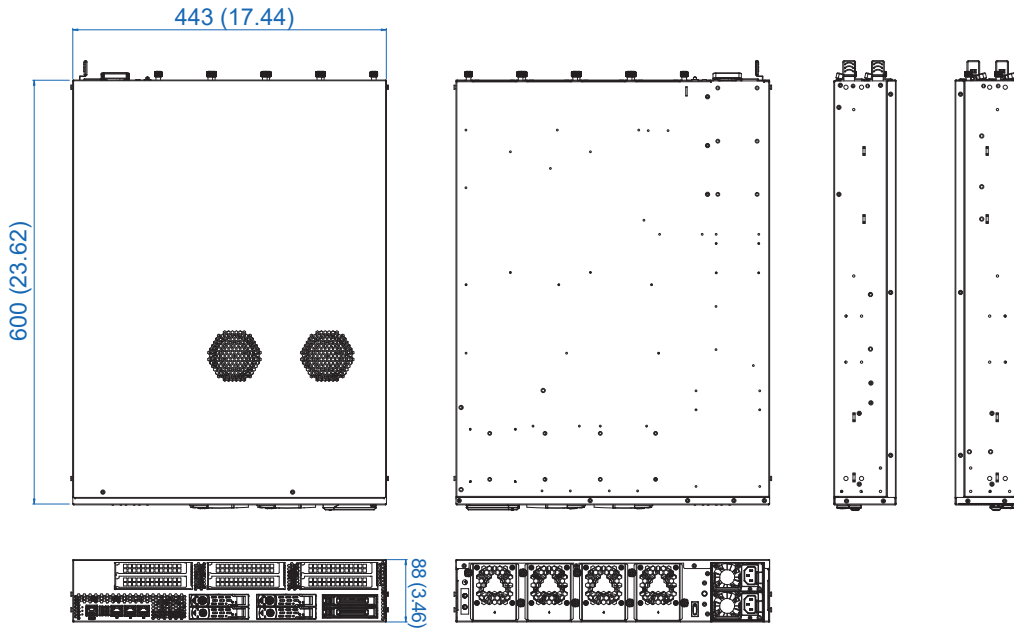
Specifications

System	
Processor	3rd Gen Intel® Xeon® Scalable Processors
Socket Qty	2
BIOS	AMI
Memory	16 DDR4 3200MHz RDIMM, up to 512GB
OS	Windows Server, Linux
I/O Interface	
USB	2 USB3.2 Type-A
LAN	<ul style="list-style-type: none"> ▪ 2 1G LAN by Intel® I210 ▪ 1 1G LAN supports OOB (by optional BMC Module)
Serial	<ul style="list-style-type: none"> ▪ 1 RJ45 Console ▪ 1 USB Type-C Console
LED	Power, HDD
Expansion	
PCIe	<ul style="list-style-type: none"> ▪ 2 PCIe x16 Slot with 2 PCIe 4.0 x16 signal ▪ 2 PCIe x16 Slot with 2 PCIe 4.0 x8 Signal
Storage	
SATA	4 Front-access 2.5" SSD/HDD Tray (SATA III (6Gbps)), hot swappable, support S/W RAID 0, 1, 5, 10
U.2	2 Front-access U.2 SSD Tray (PCIe x4/each)
M.2	2 Internal M.2 Key M Socket (2280, PCIe x4)
Power	
Power Input	<ul style="list-style-type: none"> ▪ RMS-4000 : DC 40V to 72V , CRPS Redundant Power Supply, supports 1200W ▪ RMS-4000A: AC 90V to 264V, CRPS Redundant Power Supply, supports 2000W

Others	
TPM	Optional Infineon SLB9665 supports TPM 2.0, LPC Interface
BMC	Optional by BMC Module (LOM-2600)
Watchdog Timer	Reset : 1 to 255 sec./min. per step
Smart Mgmt.	PXE supported
HW Monitor	Monitoring temperature, voltages. Auto throttling control when CPU overheats.
Mechanical	
Dimensions	443mm x 600mm x 88mm (17.44" x 23.62" x 3.46")
Weight	13 kg (28.66 lb)
Mounting	<ul style="list-style-type: none"> ▪ Wallmount ▪ 2U Rackmount (Optional)
Environment	
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-10°C to 70°C (14°F to 158°F)
Humidity	5% to 95% Humidity, non-condensing
Relative Humidity	90% @40°C
EMC	CE, FCC

Dimensions

Unit : mm/ inch



Order Information

Model Name	PCIe 4.0 x16	PCIe 4.0 x8	Storage 2.5'	Storage U.2	M.2	USB 3.2 GEN 2	Power
RMS-4000	2	2	4	2	2	2	DC
RMS-4000A							AC

Accessories

DDR4 32G	Certified DDR4 32GB 3200MHz RAM
DDR4 16G	Certified DDR4 16GB 3200MHz RAM
DDR4 8G	Certified DDR4 8GB 3200MHz RAM
DDR4 4G	Certified DDR4 4GB 3200MHz RAM
Rackmount	2U Rackmount Handle Kit
BMC Module	BMC Module
M.2 Storage Module	M.2 Key M Storage Module
U.2 Storage Module	U.2 Storage Module

CPU List

Series	CPU	Cores	GHz	2P supported
Intel® Xeon	Gold 6314U	32	3.4	N
Intel® Xeon	Silver 4316	40	3.4	Y
Intel® Xeon	Silver 4314	16	3.4	Y

*For others CPU Sku, please check with Vecow Team.