

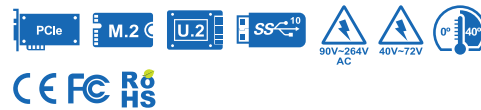
RMS-3000

AMD EPYC™ 7003 Series Processor 2U Rackmount Server



Features

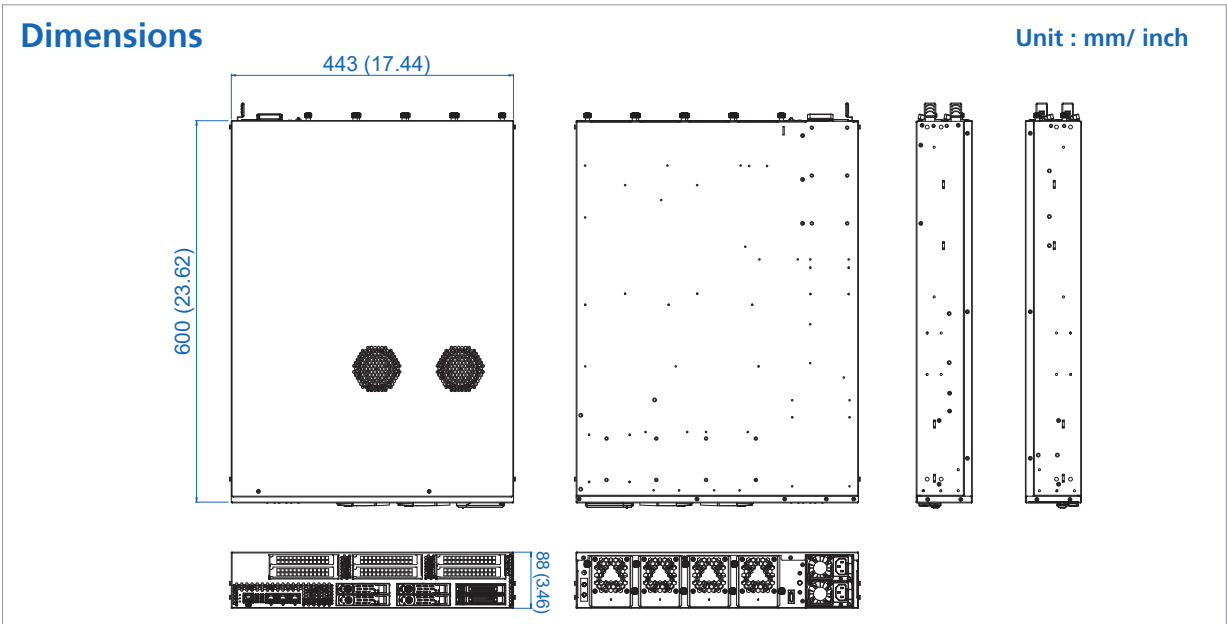
- AMD EPYC™ 7003 Series Processor supports up to 64 Cores (Code name:Milan) support max 225W TDP CPU
- 2 PCIe 4.0 x16, 2 PCIe 4.0 x8 for Full-Length/Full-Height PCIe Cards
- Front-access 4 2.5" hot swappable SSD/HDD and 2 U.2 support RAID 0, 1, 5, 10
- Standard 19" 2U Rackmount Server with DC/AC input Redundant Power Supply Unit (CRPS, up to 2000W)
- Optional supports TPM2.0 or BMC module for system management



Specifications

System	
Processor	AMD EPYC™ 7543P Processor (Milan, "Zen 3" Microarchitecture)
BIOS	AMI
Memory	8 DDR4 3200MHz RDIMM, up to 256GB
OS	Windows Server, Linux
I/O Interface	
USB	2 USB3.2 Type-A
LAN	▪ 2 1G LAN by Intel® I210 ▪ 1 1G LAN supports OOB (by optional BMC Module)
Serial	▪ 1 RJ45 Console ▪ 1 USB Type-C Console
LED	Power, HDD
Expansion	
PCIe	▪ 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	▪ RMS-3000 : DC 40V to 72V , CRPS Redundant Power Supply, supports 1200W ▪ RMS-3000A: 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	▪ 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



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-3000	2	2	4	2	2	2	DC
RMS-3000A							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	TDP (W)
AMD EPYC 7003	7543P	32	2.5	225

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

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