

RM310-RAP B650 AMD[®] Ryzen™ 9000/7000/EPYC 4005 Series Rackmount Edge Computing System

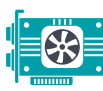


KEY FEATURES



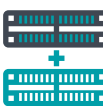
1U Rackmount system

Equipped with AMD[®] Ryzen™ 9000/7000/EPYC 4005 Series and AMD B650 chipset



Single PCIe expansion

Supports single-slot GPU/IO card for enhanced graphics and I/O capabilities.



Swappable 2.5 in bay trays

Features dual 2.5" swappable drive bays for reliable, high-availability storage



Versatile I/O

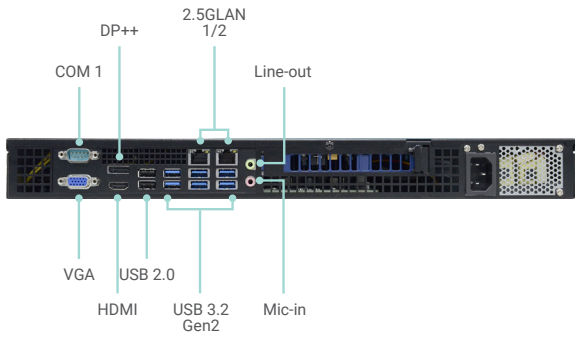
6 USB 3.2, 2 USB 2.0, 2 2.5GbE, 1 RS232, 1 VGA, 1 DP++, 1 HDMI, 1 Line-out, 1 Mic-in



Triple displays

1 VGA, 1 DP++, 1 HDMI

PANEL

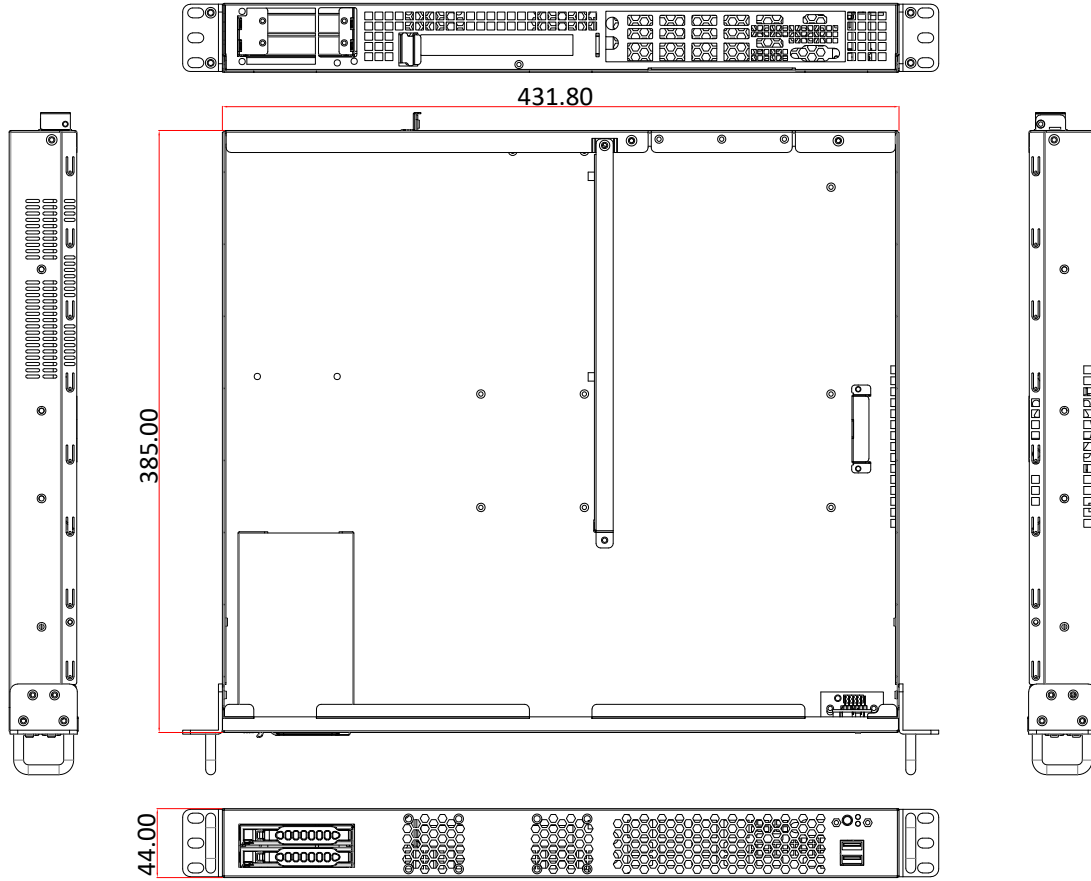


Rear View



Front View

MICCHANICAL DRAWING



SPECIFICATION

| | | |
|------------------------------|------------------------|--|
| SYSTEM | Processor | AMD® Ryzen™ 9000/7000/EPYC 4005 Series AM5 Socket Processors, TDP support up to 65W Ryzen™ 7 9700X (8 Cores, 32M Cache, up to 5.5 GHz); 65W (life cycle only to Q1' 29) Ryzen™ 5 9600X (6 Cores, 32M Cache, up to 5.4 GHz); 65W (life cycle only to Q1' 29) Ryzen™ 9 PRO 7945 (12 Cores, 64M Cache, up to 5.4 GHz); 65W Ryzen™ 7 PRO 7745 (8 Cores, 32M Cache, up to 5.3 GHz); 65W Ryzen™ 5 PRO 7645 (6 Cores, 32M Cache, up to 5.1 GHz); 65W EPYC™ 4545P (16 Cores, 64M Cache, up to 5.4 GHz); 65W EPYC™ 4465P (12 Cores, 64M Cache, up to 5.4 GHz); 65W EPYC™ 4345P (8 Cores, 32M Cache, up to 5.5 GHz); 65W EPYC™ 4245P (6 Cores, 32M Cache, up to 5.4 GHz); 65W |
| | Chipset | AMD B650 |
| | Memory | Four 288-pin UDIMM up to 128GB (Non-ECC) Dual Channel DDR5 5200 MHz *Speed support list follow User's Manual |
| | BIOS | AMI SPI 256Mbit |
| GRAPHICS | Display | 1 x VGA 1 x DP++ 1 x HDMI 2.0 VGA: resolution up to 1920x1200 @ 60Hz DP++: resolution up to 3840x2160 @ 60Hz HDMI: resolution up to 4096x2160 @ 60Hz |
| STORAGE | External | 2 x 2.5" SATA SSD (RAID 0/1/5/10) |
| | Internal | 1 x M.2 2280 M key |
| EXPANSION | Interface | 1 x PCIe x16 1 x M.2 2230 E key 1 x M.2 2242/2260/2280 M key |
| AUDIO | Audio Codec | Realtek ALC888 |
| ETHERNET | Controller | 2 x 2.5GbE (RJ-45) |
| FRONT I/O | Button | 1 x Power Button |
| | LED | 1 x Power LED 1 x HDD LED |
| Rear I/O | Ethernet | 2 x 2.5GbE |
| | Serial | 1 x RS232 |
| | USB | 6 x USB 3.2 2 x USB 2.0 |
| | Display | 1 x VGA 1 x DP++ 1 x HDMI |
| | Audio | 1 x Line-out 1 x Mic-in |
| OS SUPPORT | OS Support | Windows 11 Enterprise |
| POWER | Supply | Single/Redundant Power |
| ENVIRONMENT | Operating Temperature | 0°C to 40°C: CPU up to TBD W |
| MECHANISM | Construction | Heavy Industrial Steel |
| | Mounting | Rack mount kit |
| | Dimensions (W x H x D) | 431.8(W)x 385(D)x 44(H) |
| | Weight | TBD |
| | Color | Black |
| STANDARDS AND CERTIFICATIONS | Certification | TBD |

PACKING LIST

• 1 RM310-RAP System Unit

ORDERING INFORMATION

| Model Name | Part Number | Description |
|------------------|-------------|-------------|
| RM310-RAP System | TBD | TBD |