RM-2000-RZN

Industrial 2U Shallow Depth Rack-Mount Computer With AMD Ryzen 7000/8000G/9000 Series CPU, Up to 7 Expansion Slots & Redundant or DC Power Option.
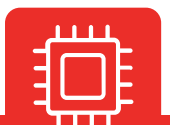
Overview

The RM-2000-RZN is possibly the shallowest 2U computer available that supports both redundant power and full length, dual slot graphics cards.

With support for the latest AMD Ryzen 7000/8000G/9000 Series CPUs (**up to 170W TDP**), Up to 192GB DDR5 RAM, 2 x 2.5 Gigabit Ethernet and PCIe (**Gen 4**), the RM-2000-RZN packs a lot of functionality into a compact and customisable enclosure.

By using industrial components throughout, the RM-2000-RZN is designed to operate 24/7 in harsh environments and mission-critical applications.

Key Features

- 7 x low profile or 2 x full height expansion slots.
- Dual slot graphics card support.
- AMD Ryzen 7000/8000G/9000 Series CPUs.
- Redundant or DC Power Option.
- Only 400mm deep.
- Available For At Least 5 Years.
- Customisable Brushed Aluminium Front Panel.

Specifications

CPU	Socket AM5 for AMD Ryzen 7000 / 8000G & 9000 series desktop processors. Up to 170W TDP.
Chipset	AMD B650.
Memory	Up to 192GB (**48GB per DIMM**). 4 x 288-pin Long-DIMM DDR5 5200MHz.
Storage	2 x 2.5" SATA drive bays. 1 x M.2 (**Key M**) (**2242/2280**) with PCIe (**Gen4**) x2 for SSD (**NVMe**). 2 x Removable 2.5" drives (**Optional**).
I/O Rear	2 x HDMI 1.4 (**Max 4096 x 2304 @ 30Hz**). 1 x DisplayPort 1.4 (**Max 4096 x 2304 @ 60Hz**). 2 x RJ45 2.5GbE. 4 x USB 3.2 (**Gen2**) (**Type A**) (**10Gb/s**). 2 x USB 3.2 (**Gen1**) (**Type A**) (**5Gb/s**). 1 x RS232/422/485 (**RS485 Supports AFC**). 3 x Audio (**Line-In / Line-Out / Mic-In**).
I/O Front	2 x USB 2.0.
Expansion	2 x Full height or 7 x low profile slots. To be defined during configuration: **Full height slots:** 2 x PCIe x4 and 1 x PCIe x16***** (**Dual width slot if PCIe x4 is not used**) or 2 x PCIe x8. **Low profile slots:** 3 x PCIe (**Gen4**) Slots configured as either: 1 x PCIe x16 only or 2 x PCIe x8 only or 1 x PCIe x8 and 2x PCIe x4 only. 2 x PCIe x4 (**Gen4**). *****Only x8 with Ryzen 8000G CPU.

Other Features	TPM 2.0. Watchdog timer. Triple independent display support.
Power	Standard Single PSU (**700W / full range AC input**). Optional Dual redundant PSU (**700W / full range AC input**). Optional 24VDC input PSU (**Up to 750W / 18 to 36VDC input**).
Temperature	0°C to 40°C Operating temperature. Wide temperature options by request.
Dimensions	(**W**) 427 mm (**479mm Including rack-mount ears**) x (**D**) 400 mm x (**H**) 88.1 mm.
OS Support	Windows 10 / 11. Windows Server. Linux (**RHEL & Ubuntu**).
Certification	CE / UKCA.

DATASHEET_COMPUTING_RM-2000-RZN_V03.pdf
Technical specifications are subject to change without notice. E & OE Issue A.

Please note:
By default these systems will be branded with the Steatite logo, if you require an unbranded version of the system then please contact us.