



RM-2000-RTL

Industrial 2U Shallow Depth Rack-Mount Computer With 14th Gen Core-I Alder Lake CPU, Up to 7 Expansion Slots & Redundant / DC Power Input.

Overview

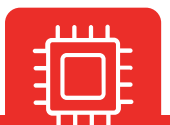
The RM-2000-RTL is possibly the shallowest 2U computer available that supports both redundant power and full length, dual slot graphics cards.

With support for the latest Intel 14th Gen Core-I Alder Lake CPUs (up to Core i9 / 24 core), Up to 192GB DDR5 RAM, 2.5 Gigabit Ethernet and PCIe gen 4, the RM-2000-RTL packs a lot of functionality into a compact and customisable enclosure.

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

Key Features

- Customisable Brushed Aluminium Front Panel.
- 14th Gen Core-I Alder Lake Series CPU.
- 7 x low profile or 2 x full height expansion slots.
- Dual slot graphics card support.
- Redundant and 24VDC PSU options.
- Only 400mm deep.
- Available For At Least 5 Years.



Specifications

CPU	Raptor Lake-S Refresh/Raptor Lake-S/Alder Lake-S 14th/13th/12th gen Core i3/i5/i7/i9.
Chipset	Intel® Q670.
Memory	Up to 192GB (48GB per DIMM). 4 x 288-pin Long-DIMM DDR5 4400/5600MHz.
Storage	2 x 2.5" SATA drive bays. 1 x M.2 (Key M, 2242/2260/2280/22110/25110) with PCIe (Gen4) x4 for SSD. 2 x Removable 2.5" drives (Optional).
I/O Rear	1 x HDMI 2.0b (Max 4096 x 2160 @ 60Hz). 1 x DisplayPort 1.4a (Max 4096 x 2160 @60Hz, DP++). 1 x VGA. 3 x RJ45 2.5GbE. 5 x USB 3.2 (Gen2). 1 x USB 3.2 Gen2x2 (Type-C, 5V/3A). 2 x RS232/422/485. 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: 1 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 (Gen3) 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). 1 x M.2 (Key E, 2230) with PCIe x1, USB 2.0 and CNVi for Wireless. 1 x M.2 (Key B, 3042/3052) with PCIe x1, USB 3.2 (Gen 1), USB2.0 and SIM for 4G/5G. 1 x SIM socket connected to M.2 key B.

Other Features	TPM 2.0. Watchdog timer. iAMT/vPro (Suitable CPU required). 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	-5°C to 40°C Operating Temperature Wide temperature options by request.
Dimensions	(W) 400 mm x (D) 427 mm (479mm inc. rack-mount ears) x (H) 88.1 mm.
OS Support	Windows 10 / 11. Windows Server. Linux.
Certification	CE / UKCA.



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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.

