



RM-1000-ALD

Industrial 1U Rack-Mount Computer with 14th Gen Intel Raptor Lake-S CPU & 2 x PCIe x8 Slots.

Overview

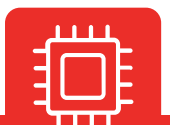
The Steatite **RM-1000-ALD** is one of the smallest industrial 1U computers that offers powerful 14th Gen Core™ i9 CPU performance and dual PCIe x8 expansion.

Its high-end brushed aluminium front panel and a flexible design means that it can be easily customised to suit your specific requirements.

Supporting many I/O interfaces as standard, and with its 5+ year availability, the Steatite **RM-1000-ALD** 1U PC is ideal for a range of applications.

Key Features

- 2 x Full Height PCIe x8 Slots.
- Intel® Raptor Lake-S CPU with up to 65W TDP.
- Up to 64GB DDR4 3200 MHz Memory.
- Shallow Depth Chassis.
- Available For At Least 5 Years.
- Customisable Brushed Aluminium Front Panel.



Specifications

CPU	14th Gen Intel® Core™ i3/i5/i7/i9 Processors: Core™ i3 14100T or 14100 4 Core CPU Core™ i5 14500T or 14500 14 Core CPU Core™ i7 14700T or 14700 20 Core CPU Core™ i9 14900T or 14900 24 Core CPU Others available on request.
Chipset	Intel® Q670 (Standard). Intel® H610 (By request). Intel® W680 (By request).
Memory	Up to 64GB Supported. 3200MHz DDR4 SO-DIMM.
Storage	2 x 2.5" SATA Drives Supported (One port shared with M.2 Key M). 1 x M.2 (Key M, 2242/2260/2280) with PCIe Gen3 x4 for SSD. 1 x M.2 (Key M, 2242) with PCIe Gen4 x4 and SATA3 for SSD.
I/O	Rear 1 x HDMI 2.0a (Max 4096 x 2160 @ 60Hz). 2 x DisplayPort 1.2 (Max 4096 x 2160 @ 60Hz, DP++). 2 x RJ45 (2 x 2.5GbE I225LM). 4 x USB 3.2 (Gen 2). 2 x RS232/422/485. 2 x Audio (Line-Out, Mic-In). 3 x RX232. 1 x VGA Front 2 x USB 2.0
Expansion	Up to 2 x PCI Express x8 (<200mm Long). 1 x M.2 (Key E, 2230) with PCIe x1, USB 2.0 and CNVi for Wireless. 1 x M.2 (Key B, 3042) with PCIe x1/USB 3.0/USB2.0 and SIM for 4G/5G. 1 x SIM socket connected to M.2 key B. Dual PCI option. Single PCIe x16 option. 5.25" Bay option.

Power	90 - 264V AC Input.
Other Features	TPM 2.0. Watchdog Timer. iAMT/vPro (Suitable CPU required). Independent Display Support.
Temperature	0°C - 40°C Operating Temperature.
Dimensions	(W) 430 mm x (D) 230 mm x (H) 44.5 mm.
OS Support	Windows 10. Windows 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.

