



# RM-1200-ALD

1U Shallow Depth Industrial Rack-Mount Computer With 12th Gen Intel® Core™ i3/i5/i7/i9 CPU, Up to 2x PCIe x8 slots and Redundant PSU.

## Overview

The Steatite **RM-1200-ALD** is one of the smallest industrial 1U computers that offers powerful 12th gen Core™ i9 CPU performance, dual PCIe x8 expansion, and redundant power.

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-1200-ALD** 1U PC is ideal for a range of applications.

## Key Features

- 2 x Full Height PCI Express x8 Slots.
- Redundant Power Supply.
- Customisable Brushed Aluminium Front Panel.
- 12th Gen Intel® Core™ CPU Support.
- Up to 64GB DDR4 3200 MHz Memory.
- Shallow Depth Chassis.
- Available For At Least 5 Years.

# Specifications

<b>CPU</b>	12th gen Intel® Core™ i3/i5/i7/i9 processors Core™ i3 <b>12100TE</b> or <b>12100E</b> quad core CPU Core™ i5 <b>12500TE</b> or <b>12500E</b> six core CPU Core™ i7 <b>12700TE</b> or <b>12700E</b> 12 core CPU Core™ i9 <b>12900TE</b> or <b>12900E</b> 16 core CPU Others available on request.
<b>Chipset</b>	Intel® <b>Q670</b> (Standard). Intel® <b>H610</b> (By request). Intel® <b>W680</b> (By request).
<b>Memory</b>	Up to 64GB DDR4 3200 MHz supported.
<b>Storage</b>	2 x 2.5" SATA Drives Supported ( <b>One port shared with M.2 Key M</b> ). 1 x M.2 ( <b>Key M, 2242/2260/2280</b> ) with PCIe Gen3 x4 for SSD. 1 x M.2 ( <b>Key M, 2242</b> ) with PCIe Gen4 x4 and SATA3 for SSD.
<b>I/O</b>	<b>Rear</b> 1 x HDMI 2.0a (Max 4096 x 2160 @ 60Hz). 2 x DisplayPort 1.2 (Max 4096 x 2160 @ 60Hz, DP++). 2 x RJ45 ( <b>2 x 2.5GbE I225LM</b> ). 4 x USB 3.2 ( <b>Gen 2</b> ). 2 x RS232/422/485. 2 x Audio ( <b>Line-Out, Mic-In</b> ). 3 x RX232. 1 x VGA <b>Front</b> 2 x USB 2.0.
<b>Expansion</b>	Up to 2 x PCI Express x8 (<200mm Long). 1 x M.2 ( <b>Key E, 2230</b> ) with PCIe x1, USB 2.0 and CNVi for Wireless. 1 x M.2 ( <b>Key B, 3042</b> ) 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.

<b>Power</b>	90 – 264V AC Input ( <b>Redundant</b> ).
<b>Dimensions</b>	(W) 430 mm x (D) 383 mm x (H) 44.5 mm.
<b>Temperature</b>	0°C - 40°C Operating Temperature.
<b>OS Support</b>	Windows 10. Windows 11. Windows Server. Linux.
<b>Other Features</b>	TPM 2.0. Watchdog timer. iAMT/vPro ( <b>Suitable CPU required</b> ). Independent display support.
<b>Certification</b>	CE / UKCA.

## Ordering Information

Part Code	Description
RM-1200-ALD	1U Industrial computer with 12th gen Intel® Core™ i3/i5/i7/i9 CPU, up to 2x PCIe x8 slots and redundant power.



**RM-1200-ALD\_Datasheet\_10\_2022\_Rev1**

Technical specifications are subject to change without notice. E & OE Issue A.

