



# RM-120-ADL

## Industrial 1U Rack-Mount Computer with Power Efficient Intel Alder Lake CPU & Redundant PSU.

### Overview

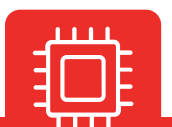
The Steatite RM-120-ADL is one of the smallest industrial 1U computers that offers power efficient Intel® Alder Lake processing performance & redundant power.

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-120-ADL 1U PC is ideal for a range of applications.

### Key Features

- Customisable Brushed Aluminium Front Panel.
- Intel® Alder Lake CPU With 12W TDP.
- CPU Mark score of ~5900 points.
- Up to 32GB DDR4 3200 MHz Memory.
- Redundant Power Supply.
- Available For At Least 5 Years.



# Specifications

<b>CPU</b>	Intel Alder Lake-N SoC Processors J ( <b>N97, QC, Max Speed Up to 3.6GHz, 12W TDP</b> ).
<b>Chipset</b>	Intel Alder Lake.
<b>Memory</b>	Up to 32GB Supported ( <b>1 x 32GB</b> ). 3200MHz DDR4 SO-DIMM.
<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 x1 or SATA3 for SSD.
<b>I/O</b>	2 x HDMI 2.0b. 1 x VGA. 2 x RJ45 LAN ( <b>2.5GbE</b> ). 2 x USB 3.2 ( <b>Gen1</b> ). 2 x USB 2.0. 3 x RS232/422/485 Serial. 3 x RS232 Serial ( <b>Optional: RS-232; RS-232 / TLL; RS-232 / ccTalk</b> ). 2 x Audio ( <b>Mic-In, Line-Out</b> ).
<b>Expansion</b>	1 x PCI Express x1 Gen3 ( <b>Full Height, 210mm Length</b> ). 2 x PCI Slots ( <b>Instead of 1 x PCI Express x1</b> ). 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, 3042/3052</b> ) with PCIe x1, USB 3.2 Gen1, USB2.0 and SIM for 4G/5G.
<b>Power</b>	90 - 264V AC Input ( <b>Redundant</b> ). 12 - 24VDC Input ( <b>Optional</b> ).

<b>Other Features</b>	TPM 2.0. Watchdog Timer. iAMT/vPro ( <b>Suitable CPU required</b> ). Independent Display Support.
<b>Temperature</b>	0°C - 40°C Operating Temperature.
<b>Dimensions</b>	( <b>W</b> ) 430 mm x ( <b>D</b> ) 230 mm x ( <b>H</b> ) 44.5 mm.
<b>OS Support</b>	Windows 10. Windows 11. Windows Server. Linux.
<b>Certification</b>	CE / UKCA.



**Document\_Datasheet\_Computing\_RM-120-ADL\_Rev1.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.

