



RM-100-EHL

Industrial 1U Rack-Mount Computer with Power Efficient Intel Elkhart Lake CPU.

Overview

The RM-100-EHL offers a big performance jump over 1U systems based on previous generation Intel CPUs, while keeping power consumption to a minimum.

Now with features including triple display support, 2.5 gigabit Ethernet, a choice of either AC or DC power input, and up to 32GB RAM, the RM-100-EHL with Intel J6412 CPU offers performance that can even beat some older Core i3 and Core i5 systems, while consuming a fraction of the power and at a much more competitive price point.

Key Features

- Quad Core Intel CPU with 10W TDP.
- CPU Mark score of ~3900 points.
- Up to 32GB DDR4 Memory.
- Multiple Expansion Options.
- AC or DC Power Input.
- Available until at least 2029.

Specifications

CPU	Intel® Celeron® J6412 Quad Core CPU (Max Speed Up to 2.6GHz / 10W TDP).
Chipset	Intel Elkhart Lake.
Memory	Up to 32GB Supported (2 x 16GB). 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 SATA3 & PCIe x1 for SSD.
I/O	1 x HDMI 2.0b. 1 x VGA. 2 x RJ45 LAN (1 x 2.5GbE & 1 x 1GbE). 2 x USB 3.2 (Gen1). 2 x USB 2.0. 3 x RS232/422/485 Serial. 3 x RS232 Serial (optional, as shown). 2 x PS/2. 2 x Audio.
Expansion	1 x PCI Express x1 Gen3 (Full Height, 210mm Length). 2 x PCI Slots (Instead of 1 x PCI Express x1). 1 x M.2 (Key E, 2230) With PCIe x1, USB 2.0. 1 x M.2 (Key B, 3042/3052) With PCIe x1, USB 3.2, USB2.0 and SIM for 4G/5G.

Power	90 - 264V AC Input. 12 - 24VDC Input (Optional).
Dimensions	(W) 430 mm x (D) 230 mm x (H) 44.5 mm.
Temperature	0°C - 40°C Operating Temperature.
Operating System	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.

