



RM-2100-SR

2U shallow depth industrial rack-mount server with support for 5th/4th Gen Intel Xeon Scalable CPUs (up to 36 cores)

Overview

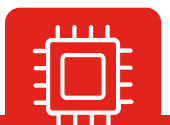
The RM-2100-SR is possibly the shallowest 2U server available that supports Xeon CPUs, redundant power, and full length, dual slot graphics cards.

With support for 5th / 4th Gen Intel Xeon Scalable processors (**up to 36 cores**), 2048GB RAM (**256GB x 8**), optional 10 Gigabit Ethernet and PCIe gen 5, the RM-2100-SR packs massive performance into a compact and customisable enclosure.

By using industrial components throughout, the RM-2100-SR is designed to operate 24/7 in harsh environments and mission-critical applications.

Key Features

- Up to 36 Xeon Scalable cores (**Single CPU**).
- Redundant and 24VDC PSU options.
- 7x low profile or 2x full height expansion slots.
- Dual slot graphics card support.
- Only 400mm deep.
- 5+ year availability.
- Branding and customisation options.



Specifications

CPU	5th Gen Intel® Xeon® Scalable Processors* 4th Gen Intel® Xeon® Scalable Processors* 205W Max TDP supported*.
Chipset	Intel® C741.
Memory	Up to 2048GB ECC DDR5 supported.
Storage	2 x 2.5" SATA SSD/HDD drive bays (RAID 0/1 support). 1 x M.2 (Key B+M, 2280) with SATA3 and PCIe for SSD. Optional 2 x removable 2.5" drives.
I/O Rear	1 x Serial Port. 2 x USB 3.2 (Gen 1). 4 x USB 2.0. 1 x VGA. 2 x RJ45 (GbE Intel i210AT). 2 x Optional RJ45 (10GbE Intel X710-AT2). 1 x RJ45 dedicated for IPMI.
I/O Front	2 x USB 2.0.
Expansion	2 x Full height or 7x low profile slots. Full height slots*: 1 x PCI Express x16 (Dual width). 1 x PCI Express x8. Low profile slots*: 2 x PCIe x16 (x8 or x16 link). 1 x PCIe x8 (x8 link). 2 x PCIe x8 (0 or x8 link). 1 x PCIe x4 (x4 link). 1 x PCIe x1 (x1 link). *to be defined at quotation stage Mini slots: 1 x M.2 2280 B+M key (SATA and PCIe).

Other Features	Optional TPM 2.0. Watchdog timer. IPMI (Shared with LAN 2).
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 45°C. Wide temperature options by request.
Dimensions	400mm x 88.1mm x 427mm (479mm inc. rack-mount ears). Compatible with Accuride DZ2907 telescopic slides.
OS Support	Windows 10 / 11. Windows Server 2019. 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.

