RM-2200-LB

2U shallow depth industrial rack-mount server with support for dual Xeon Scalable v2 (up to 52 cores), up to 6 expansion slots, and single, redundant or DC power input.

Features Include:

- Up to 52 Xeon Scalable v2 cores (dual CPU).
- Redundant and 24VDC PSU options.
- 6 x low profile or 2x full height expansion slots.
- Dual slot graphics card support.
- Only 400mm deep.
- 5+ year availability.
- Branding and customisation options.

System Overview:

The **RM-2200-LB** is possibly the shallowest 2U server available that supports dual Xeon CPUs, redundant power and full length, dual slot graphics cards.

With support for dual Intel Xeon Scalable v2 processors (**up to 52 cores each**), 384GB RAM, optional 10 Gigabit Ethernet and PCIe gen 3, the **RM-2200-LB** packs massive performance into a compact and customisable enclosure.

By using industrial components throughout, the **RM-2200-LB** is designed to operate 24/7 in harsh environments and mission-critical applications

Specifications

CPU Options	Dual Xeon Scalable v2. 8 to 26 cores per CPU. Supported CPUs. Others available on request.
Chipset	Intel® C621. Intel® C622 (by request).
Memory	Up to 384GB ECC DDR4 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 2x removable 2.5" drives.
I/O Ports	**Rear** 1 x Serial Port. 2 x USB 3.0. 1 x VGA. 2 x RJ45 (GbE Intel i210AT). (LAN 2 shared with IPMI function). 2 x optional RJ45 (10GbE Intel X557-AT2). **Front** 2 x USB 2.0.
Expansion	2 x full height or 6x low profile slots. **Full height slots*** 2 x PCI Express x16 (1 x single width and 1 x dual width) **Low profile slots*** 4 x PCI Express x16. 2 x PCI Express x8. *to be defined at quotation stage. Mini slots 1 x M.2 2280 B+M key (SATA and PCIe).

Power Supply	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).
Dimensions (D x H x W)	400mm x 88.1mm x 427mm (479mm inc. rack-mount ears). Compatible with Accuride DZ2907 telescopic slides.
O/S Support	Windows 10. Windows Server 2019. Linux.
Other Features	Optional TPM 2.0. Watchdog timer. IPMI (shared with LAN 2).
Operating Temperature	-5°C to 40°C. Wide temperature options by request.
Certification	CE.

Ordering Information

RM-2200-LB	2U industrial server with dual Xeon Scalable v2 CPUs, up to 6 slots, and single, redundant or DC power input

(i) **RM-2200-LB_Datasheet_10_2020.pdf**

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

Rear Options

RM-2100-LB With Single PSU & Full Height Expansion Slots*

RM-2100-LB With DC Input & Half Height Expansion Slots*

RM-2100-LB With Single PSU & Half Height Expansion Slots*

RM-2100-LB Redundant PSU & Half Height Expansion Slots*

RM-2100-LB With DC Input & Full Height Expansion Slots*

RM-2100-LB With Redundant PSU & Full Height Expansion Slots*

*Shown with optional 2x 10GbE ports.