



## MAGNETAR SERVER MR-S2108 SPL

FORM FACTOR	2U Rackmount
PROCESSOR	Intel
PORECOSSER FAMILY	2nd Gen Intel® Xeon® Scalable Processors and Intel® Xeon® Scalable Processors
SUPPORTED PROCESSOR CORES	Up to 28 cores
MAXIMUM TDP VALUE	TDP supports Up to 165W TDP
DRIVE BAYS	2x 3.5" fixed drive bay 8x 3.5" hot-swap SAS3/SATA drive bay
EXPANSION SLOTS	PCI-E 2 PCI-E 3.0 x8 (in x16 slot), 4 PCI-E 3.0 x8, 1 PCI-E 3.0 x4 (in x8 slot) M.2 M.2 Interface: PCI-E 3.0 x4; SATA Form Factor: 2280, 22110 Key: M-Key
STORAGE CONTROLLER	Intel® C621 controller for 8 SATA3 (6 Gbps) ports; RAID 0,1,5,10
MAXIMUM MEMORY SUPPORTED	Up to 2TB 3DS ECC LRDIMM, DDR4-2933MHz; Up to 2TB 3DS ECC RDIMM, DDR4-2933MHz Up to 1TB Intel Optane DC Persistent Memory in memory mode (Cascade Lake Only)
DIMM SIZES	LRDIMM: 32GB, 64GB, 128GB RDIMM: 8GB, 16GB, 32GB, 64GB
MEMORY TYPE AND SLOTS	Up to 2TB 3DS ECC LRDIMM, DDR4-2933MHz; Up to 2TB 3DS ECC RDIMM, DDR4-2933MHz in 8 DIMM slots
INPUT / OUTPUT	LAN: 2 RJ45 Gigabit Ethernet LAN ports USB: 3 USB 3 port(s) (1 Type A; 2 via header), 8 USB 2.0 port(s) (2 rear; 6 via header) 2 USB 3.0 port(s) (2 rear) Video Output: 1 VGA port(s) Serial Port: 2 COM Port(s) (1 header; 1 rear) DOM: 2 SATA DOM (Disk on Module) power connector support TPM: 1 TPM Header
POWER SUPPLY	1U 800W Redundant Power Supply 76mm width, W/PMbus, Titanium
SYSTEM FAN FEATURES	3x 80mm Hot-swap PWM Fans
NETWORK CONTROLLERS	Dual LAN with 1GbE with Intel® I210
MOUNTING RAILS	36"; rail set, quick/quick, 2, 3U 17,2";W (Included in the System)
PRODUCT DIMENSIONS	8,9 x 43,7 x 64,7 cm
WEIGHT	23,59 kg
OS COMPATIBILITY	Windows 10 / Windows Server 2016/2019/2022 / Linux / RedHat / SuSE / Ubuntu / CentOS
SERVER MANAGEMENT	IPMI2.0 Hardware Remote Management Port KVM over IP & Virtual Media over IP
WARRANTY	GTM 3 Years Onsite Next Business Day Professional Service Support for System Hardware SP Server