

MAGMA FS2227-G4

storage server



Scalable and **Dense** Storage.

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CIARA offers scalable, energy-efficient and cost-effective storage servers designed to meet your specific requirements. Whether it's for Big Data, hyperscale computing or enterprise data center and cloud storage, the MAGMA storage server product lineup can handle your data management workload and applications.

2U FF	2 SOCKET	3TB RAM
27 HDD	1 M.2	3 PCIe



Form Factor	2U
Chipset	Intel® C621 Lewisburg
Processor	Dual Intel Xeon® Processor Scalable Family, Socket P0 (LGA3647) TDP: 205W
Memory Capacity	RDIMM up to 768 GB (24 x DIMM) LRDIMM up to 3 TB (24 x DIMM)
Memory Type and Size	RDIMM DDR4 ECC 2666/ 2400/ 2133 MHz 8, 16 and 32 GB LRDIMM DDR4 ECC 2666/ 2400/ 2133 MHz, 32 and 64 GB
Network Controller	Intel® I350-AM2 (2) GbE ports + (1) dedicated Management port
Storage Controller	Onboard Intel® C621 (10) SATA III; SW RAID 0/1/10/5 Option 1: Front: (25)2.5" SAS/SATA + Rear: (2) 2.5" SAS/SATA (1xPCIe x16 FHHL or 2x PCIe x8 HHHL or 3 x PCIe x8 HHHL) Option 2: Front: (25)2.5" SAS/SATA+ Rear (4) 3.5" SAS/SATA + (2) 2.5" SAS/SATA (Not Avail PCIe x16 & PCIe x8) Standard: (1) M.2 (2280/2260/2242) slot
Drive Bays	Front: (25) 2.5" Hot-swap SAS/SATA, + Rear: (2)2.5" SAS/SATA
Expansion Slots	See options for selections (1) Proprietary Mezz Card
I/O Ports	(3) RJ45, (2) USB 2.0, (1) VGA, (1) ID Button with LED
System Management	ASPEED AST2500
Power Supply	Redundant 800 W High Efficiency 80 PLUS® Platinum Certified (Single Output)
Environment	Operating: 10°C to 35°C (50°F to 95°F) Operating Humidity: 8 to 80% (Non-Condensing) Non-operating: -40°C to 60°C Non-operating humidity: 20% to 90% (non-condensing)
Dimensions (DxWxH)	31.8 in x 17.5 in x 3.42 in (807mm x 444.5mm x 86.87mm)
Estimated Weight	55 lb / 25 kg
Warranty	CIARA's limited hardware warranty includes a one year, parts and labour with return to CIARA USA or Canada. Customers may purchase an extended warranty of up to 3 years on parts and labour with different support levels. Please contact CIARA at 1-877-242-7272 for complete warranty details including limitations and transferability.
OS Support	Windows Server 2012 R2 x64, 16 x64, Linux RHEL 7.3x64, Centos 7.3 x64, SuSE SLES 12 SP2, Oracle Linux 7.3, Ubuntu Server 16.04 LTS x64, Ubuntu Server 17.04 x64

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