

# MAGMA FS1236-G4

storage server



**Scalable** and **Dense** Storage.

# MAGMA FS1236-G4

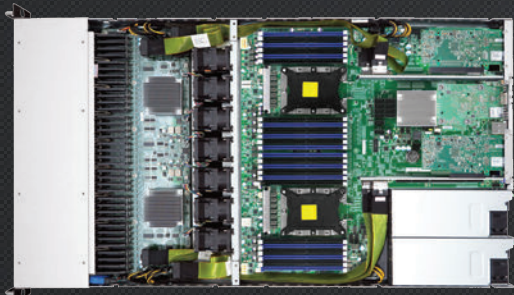
storage server

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.

- 1U  
FF
- 2  
SOCKET
- 3TB  
RAM
- 36  
NVMe
- 2  
M.2
- 2  
OCP



<b>Form Factor</b>	1U
<b>Chipset</b>	Intel® C621 Lewisburg
<b>Processor</b>	Dual Intel Xeon® Processor Scalable Family, Socket P0 (LGA3647) TDP: 150 W
<b>Memory Capacity</b>	RDIMM up to 768 GB (24 x DIMM) LRDIMM up to 3 TB (24 x DIMM)
<b>Memory Type and Size</b>	RDIMM DDR4 ECC 2666/ 2400/ 2133 MHz 8, 16 and 32 GB LRDIMM DDR4 ECC 2666/ 2400/ 2133 MHz, 32 and 64 GB
<b>Network Controller</b>	Intel® I210 (2) GbE ports + (1) dedicated Management port
<b>Storage Controller</b>	Onboard Intel® C621 (10) SATA III; SW RAID 0/1/10/5 <b>Option 1:</b> (1) 36 port EDSFF NVMe SSD backplane <b>Option 2:</b> (1) 36 Ports NF1 NVMe SSD Backplane (2) M.2 (2280/2260/2242)
<b>Drive Bays</b>	<b>Option 1:</b> Front: (36) Hot-swap EDSFF NVMe <b>Option 2:</b> Front: (36) Hot-swap NF1 NVMe
<b>Max Storage</b>	Up to 570 TB Flash Storage (All NVMe)
<b>Expansion Slots</b>	(1) PCIe Gen3 x16 (Full Height, half length), (1) PCIe Gen3 x8 (Full Height, half length) add on card through Riser Card (1) OCP mezzanine (@Gen 3 x16) from CPU0 (TYPE A,B,C) (1) OCP mezzanine (@Gen 3 x16) from CPU1 (TYPE A, B)
<b>I/O Ports</b>	(3) RJ45, (2) USB 2.0, (1) VGA, (1) MLAN (1) ID Button with LED
<b>System Management</b>	ASPEED AST2500
<b>Power Supply</b>	Redundant 1600 W High Efficiency 80 PLUS® Platinum (Single Output)
<b>Environment</b>	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)
<b>Dimensions (DxWxH)</b>	31.5 in x 17.2 in x 1.7 in (801.2 mm x 438 mm x 44 mm)
<b>Estimated Weight</b>	61.7 lb / 28 kg
<b>Warranty</b>	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.
<b>OS Support</b>	Microsoft® Windows® Server 2016, Microsoft® Windows® Server 2012 R2, RHEL 7.3 (x64); SuSE® Linux Enterprise Server 12 (x64), 11.3 (x64), Ubuntu 18.04 (x64), CentOS 7.3 (x64)



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