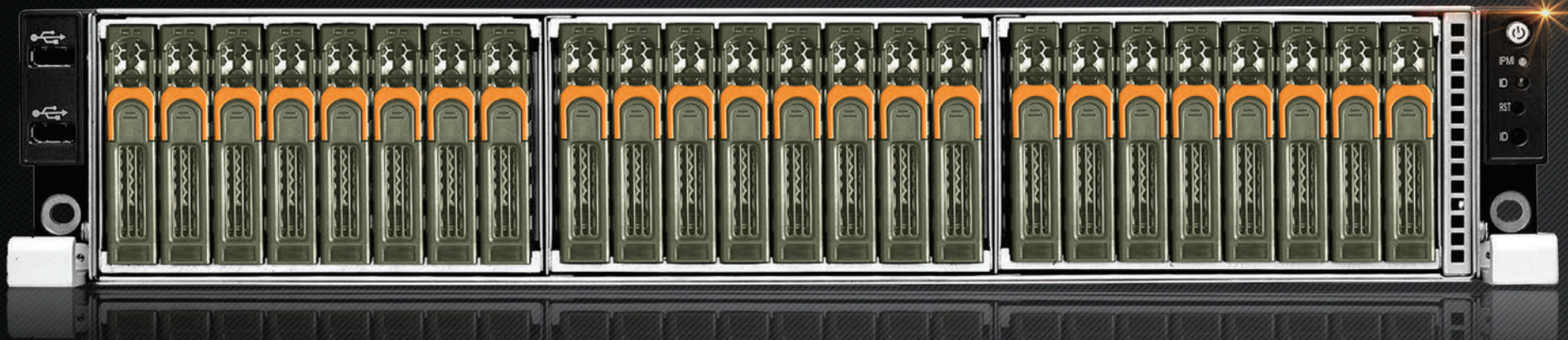


MAGMA FS2124A-G4

storage server



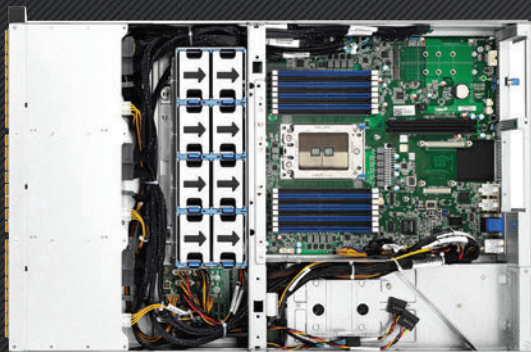
Scalable and **Dense** Storage.

MAGMA FS2124A-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.

2U FF	1 SOCKET	1TB RAM
24+2 NVMe	1 PCIe	1 OCP



Form Factor	2U
Chipset	System on Chip
Processor	AMD EPYC™ 7000 series processor family Single processor TDP:180 W
Memory Capacity	RDIMM up to 512 GB (16 x DIMM) LRDIMM up to 1,024 GB (16 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	BROADCOM BCM5720 (2) GbE ports + (1) dedicated Management port
Storage Controller	Onboard AMD EPYC™ 7000 (2) SATA (8) OcuLink (SFF8612) (4) OcuLink (SFF8612) <Riser> (2) M.2 (22110/2280/2260/2242)
Drive Bays	Front: (24) 2.5" Hot-swap HDD (24x NVMe/U.2) + Internal (2) 2.5" SATA
Max Storage	Up to 76 TB Flash (All NVMe)
Expansion Slots	(1) PCIe Gen3 x8 (Full Height/ Half Length) (1) OCP mezzanine (OCP 2.0) (@Gen 3 x16)
I/O Ports	(1) COM (RJ45 TYPE), (4) USB 3.0, (1) VGA, (1) MLAN (1) ID Button with LED
System Management	ASPEED AST2500
Power Supply	Redundant 770 W High Efficiency 80 PLUS® Platinum (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 70°C (-40°F to -158°F) Non-operating humidity: 20% to 90% (non-condensing)
Dimensions (DxWxH)	27.56 in x 17.72 in x 3.43 in (700 mm x 450 mm x 87 mm)
Estimated Weight	42 lb / 19 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	Microsoft® Windows® Server 2012 R2, Microsoft® Windows® Server 2016, RHEL 7.3 (x64), 6.9 (x64), SuSE® Linux® Enterprise Server 12.2 (x64), 11.4 (x64), Ubuntu 16.04.2 LTS (x64), VMware ESXI 6.5

1 (877) 242-7272 | sales@ciaratech.com | ciaratech.com

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