

MAGMA FS4144A-G5

storage server



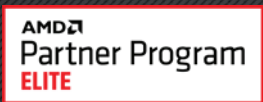
Scalable and Dense Storage.

MAGMA FS4144A-G5

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.

4U FF	1 SOCKET	2TB RAM	44 HDD
2 M.2	6 PCIe	1 OCP	



Form Factor	4U
Chipset	System on Chip
Processor	AMD EPYC™ 7002 Series, 7nm, Socket SP3 (TDP up to 180W) Compatible with AMD EPYC™ 7001 Series
Cooling System	Air Cooled (4 fans, 16,300rpm)
Memory	Up to 2,048GB (16 DIMM) DDR4-3200/2933MHz 8-Channel memory architecture RDIMM modules up to 64GB supported LRDIMM modules up to 128GB supported
Network Controller	(2) 1GbE LAN (1x Intel® I350-AM2) (1) 10/100/1000 Management LAN
Storage	(2) M.2 PCIe Gen3 x4, M-key, NGFF-2242/2260/2280 (24) 3.5/2.5" SATA/SAS Hot-Swappable HDD/SSD (front) (12) 3.5/2.5" SATA/SAS Hot-Swappable HDD/SSD (rear) (2) 2.5" SATA/SAS Hot-Swappable SSD (rear) (4) 2.5" SATA/SAS/U.2 NVMe Hybrid Hot-Swappable SSD (rear)
Expansion Slots	(3) PCIe Gen4 x16 (Low Profile) (1) PCIe Gen4 x8 (Low Profile) (1) PCIe Gen3 x16 or (2) PCIe Gen3 x8 (Low Profile) (1) OCP 2.0 Gen3 x16 Mezzanine (Type1, P1, P2, P3, P4)
Front I/O Ports	(2) USB 3.0
Rear I/O Ports	(3) USB 3.0, (1) VGA, (1) COM, (2) LAN, (1) Management LAN
System Management	Aspeed® AST2500 Management Controller AMI MegaRAC SP-X Web Interface
Power Supply	1200W Redundant (1+1) High Efficiency 80 PLUS® Platinum Certified
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 (-40°F to 140°F), Non-operating humidity: 20% to 95% (non-condensing)
Dimensions (DxWxH)	24.6" x 19" x 7" (625mm x 483mm x 177mm)
Estimated Weight	66.5 lbs / 30.2 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 2019, Microsoft® Windows® Server 2016 (X2APIC/256T not supported), RHEL 8.0 (x64) or later, 7.6 (x64) or later; SuSE® Linux Enterprise Server 15 SP1 (x64) or later, 12 SP4 (x64) or later; Ubuntu 18.04.3 LTS (x64) or later, Ubuntu 16.04.6 LTS (x64) or later; VMware ESXi 7.0 or later, VMware ESXi 6.7 Update 3 or later, VMware ESXi 6.5 EP15 or later; Citrix Hypervisor 8.1.0

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