

MAGMA FS 1236-G4-DHN

storage server



Form Factor	1U
Chipset	Intel® C621 Lewisburg
Processor	Dual Intel® Xeon® Processor Scaleable Family, Socket PO (LGA 3647) TDP 150 W
Memory Capacity	RDIMM up to 768 GB (24 x DIMM) LRDIMM up to 1,536 GB (24 x DIMM)
Memory Type & 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® I210 (2) GbE ports + (1) Dedicated Management Port
Storage Controller	Onboard Intel® C624 (10) SATA III, SW RAID 0, 1, 5 and 10 (1) 36 port NF1 PCIe SSD backplane (2) M.2 (2280 / 2260 / 2242)
Drive Bays	Front (36) Hot-Swap NF1 NVMe
Maximum Storage	Up to 570 TB Flash Storage (All NVMe)
Expansion Slots	(1) PCIe Gen3 x 16 (Full height, half length) (1) PCIe Gen3 x 8 (Full height, half length) <2 Riser Cards> (1) OCP Mezzanine (@Gen3 x 16) from CPU0 (Type A,B,C) (1) OCP Mezzanine (@Gen3 x 16) from CPU1 (Type A,B)
I/O Ports	(3) RJ45, (1) VGA, (2) USB 2.0, (1) ID Button with LED, (1) MLAN
System Management	ASPEED AST 2500
Power Supply	1200 W Redundant 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)	31.5 in x 17.2 in x 1.7 in (801.2 mm x 438 mm x 44 mm)
Estimated Weight	61.7 lb / 28 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); SuSE® Linux Enterprise Server 12 (x64), 11.3 (x64), Ubuntu 16.04 (x64), CentOS 7.3 (x64)



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

*Refer to the Product AVL Document for more information.

©2018 CIARA Technologies, a division of the Hypertec Group. All rights reserved. "Intel, the Intel logo, Intel Core, Intel Inside, the Intel Inside logo, Intel vPro and Xeon are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries." All other trademarks mentioned herein are the property of their respective owner. This document is only for informational purposes. Product specifications subject to change without notice.