



# ORION RS610A-G4

rackmount server

Form Factor	1U
Chipset	System on Chip
Processor	AMD EPYC™ 7000 series processor family Dual processor TDP:180W
Memory Capacity	RDIMM up to 1,024 GB (32 x DIMM) LRDIMM up to 2,048 GB (32 x DIMM)
Memory Type & Size	RDIMM DDR4 ECC 2667/ 2400 MHz 8, 16, and 32GB. LRDIMM DDR4 ECC 2667/ 2400 MHz, 8, 16, 32, and 64GB
Network Controller	Intel® I350-AM2, (2) GbE ports + (1) dedicated Management port
Storage Controller	(24) SATA III; SW RAID 0/1/10/5 (Available to 6 Port Slim SAS on MB) (1) M.2 (2280/2260/2242)
Drive Bays	Option1: (10) 2.5" Hot-swap HDD, <8x SATA/SAS + 2x NVMe> Option2: (10) 2.5" Hot-swap HDD <10xNVMe> Option3: (4) 3.5" Hot-swap HDD <4xSATA/SAS>
Expansion Slots	(1) PCIe Gen3 x16 (Low Profile/ Half Length) (2) PCIe Gen3 x8 (Low Profile/ Half Length) (1) OCP mezzanine (OCP1) (@Gen 3 x16) from CPU0 (TYPE 1 , P1,P2,P3,P4) (1) OCP mezzanine (OCP2) (@Gen 3 x16) from CPU1 (TYPE 1 , P1,P2,P3,P4, Connector C)
I/O Ports	(1) COM (RJ45 TYPE), (2) USB 3.0, (1) VGA, (1) MLAN (1) ID Button with LED
System Management	ASPEED AST2500
Power Supply	Redundant 1,200W 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 60°C Non-operating humidity:20% to 95% (non-condensing)
Dimensions (DxWxH)	28.7" x 17.2" x 1.69" (730 mm x 438 mm x 43.5 mm)
Estimated Weight	23.5 lb / 10.5 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 or visit <a href="http://www.ciaratech.com/terms">www.ciaratech.com/terms</a> .
OS Support	Microsoft® Windows® Server 2016, Microsoft® Windows® Server 2012 R2, RHEL 7.3 (x64); 6.9 (x64), SuSE® Linux Enterprise Server 12.2 (x64), 11.4 (x64), Ubuntu 16.04.2 LTS (x64), XenServer 7.0



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\*Refer to the Product AVL Document for more information.

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