



ORION RS310A-G4

rackmount server

Form Factor	1U
Chipset	System on Chip
Processor	AMD EPYC™ 7000 series processor family Single processor TDP:180W
Memory Capacity	RDIMM up to 512 GB (16 x DIMM) LRDIMM up to 1,024 GB (16 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	BROADCOM BCM5720 (2) GbE ports + (1) dedicated Management port
Storage Controller	(2) SATA (8) OcuLink (SFF8612) (2) M.2 (22110/2280/2260/2242)
Drive Bays	Option1: (10) 2.5" Hot-swap HDD SAS/SATA Option2: (10) 2.5" Hot-swap HDD NVMe
Expansion Slots	(2) PCIe Gen3 x16 (Full Height/ Half Length) (1) OCP mezzanine (OCP) (@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 650W 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)	24.6" x 17.2" x 1.72" (625.4 mm x 436 mm x 43.6 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 www.ciaratech.com/terms .
OS Support	Microsoft® Windows® Server 2016, Microsoft® Windows® Server 2012 R2, RHEL 7.4 (x64); 6.5 (x64), SuSE® Linux Enterprise Server 12 SP2 (x64), 11 SP2 (x64), Ubuntu 17.04 LTS



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*Refer to the Product AVL Document for more information.

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