



# ORION RS620Q-G4

quad node rackmount server

## CHASSIS

|                    |   |
|--------------------|---|
| Form Factor        | 2U4N  |
| Drive Bays         | Option1: (12) 3.5"/2.5" Hot-swap HDD SATA/SAS<br>Option2: (24) 2.5" Hot-swap HDD SATA/SAS<br>Option3: (16) 2.5" Hot-swap HDD SATA/SAS + (8) U.2   |
| Power Supply       | 2200W Redundant (1+1) High Efficiency 80 PLUS® Platinum Certified   |
| Environment        | Operating: 10°C to 35°C (50°F to 95°F)<br>Operating Humidity: 8 to 80% (Non-Condensing)<br>Non-operating: -40°C to 60°C<br>Non-operating humidity: 20% to 90% (non-condensing)                  |
| Dimensions (DxWxH) | 32.28 in x 17.2 in x 3.43 in (820 mm x 440 mm x 87 mm)  |
| Estimated Weight   | 66.98 lb / 25 kg  |
| 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), VMware ESXI 6.5 |

## NODE

|                    |   |
|--------------------|---|
| Chipset            | Intel® C621 Lewisburg   |
| Processor          | Dual Intel® Xeon® Processor Scalable Family, Socket P0 (LGA3647) up to 28 cores (maximum TDP of 165W)   |
| Memory Capacity    | RDIMM up to 512 GB ; (16) DIMM (Per Node)<br>LRDIMM up to 1,024 GB ; (16) DIMM (Per Node)   |
| Memory Type & Size | RDIMM DDR4 ECC 2666/ 2400/ 2133 MHz 8, 16 and 32 GB<br>LRDIMM DDR4 ECC 2666/ 2400/ 2133 MHz, 32 and 64 GB   |
| Storage Controller | Onboard Intel® C621 (6) SATA III; SW RAID 0/1/10/5 (Available to 2 Port SSATA DOM on MB)<br>Slimline Conn (1) SATA Conn (2) onboard (2) U.2 NVMe                                      |
| I/O Ports          | (2) RJ45, (2) USB 3.0, (1) VGA, (1) MLAN, (1) ID Button with LED  |
| System Management  | ASPEED AST2500  |
| Network Controller | Intel® I550, (2) 10GbE ports + (1) dedicated Management port<br>(Option: Support Omni-Path from CPU0/ CPU1)   |
| Expansion Slots    | (2) PCIe 3.0 x16 (low profile, half length), (1) PCIe 3.0 x8 (low profile, half length) (Per Node)<br>(1) OCP mezzanine (OCP1) (@Gen 3 x16) from CPU0 (TYPE 1 P1,P2,P3,P4) (Per Node) |

## CHASSIS & NODES

|          |  |
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| 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> . |
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\*Actual product may differ from image shown.

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