

PUZZLE-IN005

2U Rackmount Network Appliance with 3rd Gen. Intel®Xeon® Scalable Processor, Eight PuIM Module Slots & One PCIe x8 Expansion



Features

- » Dual Intel® Ice lake Xeon® Scalable processors (up to 185W)
- » 20 x DDR4 R-DIMM / LR-DIMM memory
- » 8 PuIM modules with PCIe gen4 x8 signal
- » Intel® Quick-Assist Technology
- » 4 x U.2(PCIe x4) 2.5" SSD compatible with SATA
- » 1+1 1200W CRPS redundant power supply
- » 4+1 hot swappable system fans

Specifications

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| Form Factor | |
| Form Factor | 2U Rackmount |
| System | |
| CPU | Intel® Ice-Lake LGA-4189 Xeon® Scalable Processor |
| Chipset | C627A |
| Memory | 20 x DDR4 3200MHz ECC R-DIMM / LR-DIMM |
| Memory Max. | 1280GB (20 x 64GB) |
| Cooling method / System Fan | Active Fan |
| Physical Characteristics | |
| Rack Height | 2U |
| Dimensions (LxWxH) (mm) | 450 x 650 x 88 mm |
| Net Weight | 23Kg |
| Storage | |
| Storage | 4 x 2.5" SSD/HDD Bay : Support nVMe (PCIe gen4 x4) & SATA 3.0 (6Gbps) |
| | 2 x M.2(NGFF) : Support nVMe (PCIe gen3 x4) |
| I/O Interface | |
| Display Output | 1 x VGA |
| Ethernet | 2 x LAN |
| I/O Interface | 1 x Internal USB 2.0 |
| | 2 x Console port(s) : 1 x RJ45, 1 x USB typeC |
| | 2 x USB 3.0 : USB 3.1 Gen 1 (5Gb/s) Type-A ports |
| Expansion | 9 x PCIe x8 : 8 x PuIM Slots, 1 x standard PCIe expansion |
| Other Features | |
| IPMI | 1 x AST 2400 |
| TPM | 1 x TPM 2.0 pin header |
| Power | |
| Power Supply | Redundant Power 1200W, 90V~264V AC |
| Environment | |
| Operating Temperature | 0°C ~ 40°C (32°F ~ 104°F) |
| Storage Temperature | -20°C ~ 75°C (-4°F ~ 168°F) |
| Humidity | Relative humidity: 5%~90% non-condensing |
| Certifications | |
| Safety & EMC | CE / FCC / RoHS |
| OS Support | |
| OS Support | Linux 18.04 (CentOS, Red Hat, Ubuntu, etc.) |

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| Microsoft Windows server 2019 |
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Ordering Information

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| PUZZLE-IN005-R-R10 | 2U Rackmount Network Appliance support dual Intel® ice-lake-SP CPU , twenty DDR4 R-DIMM/LR-DIMM slots, and 2 1GbE(one support BMC control) , eight PuIM, one PCIe expansion, Redundant Power, without cooler, RoHS |
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Packing List

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| 2 x Power cord | 1 x USB to RJ45 console cable |
| 2 x Rack mounting ears | Screws for rack mounting ears |
| Flat head screws (for 2.5" HDD) | |