

# PUZZLE-7030A

1U Rackmount Network Appliance with Intel® Xeon® D Processor series (Code Name: Ice Lake-D LCC)



## Features

- » Intel® Xeon® D Processor series (Code Name: Ice Lake-D LCC)
- » 4 x DDR4 2400M/2933Hz ECC UDIMM/RDIMM, up to 256G
- » 8 x 2.5 Gbps RJ-45 LAN ports & 5 x 10 Gbps SFP+ ports
- » 1 x FH PCIe Gen4 x8 or 2 x FH PCIe Gen4 x4 and 1 x OCP 3.0 slot
- » 1 x RJ-45 Console, 2 x USB 3.0, LCM
- » 2 x 2.5" SATA slot, 2 x M.2 M key 2280 (SATA/PCIe Gen3 x2), 1 x M.2 B key for IPMI module (support IEI iRIS2 IPMI module)
- » 320W Redundant Power Supply

## Specifications

|                             |  |
|-----------------------------|--|
| Form Factor                 |  |
| Form Factor                 | 1U   |
| System                      |  |
| CPU                         | Intel® Xeon® D Processor series (Code Name: Ice Lake-D LCC)  |
| Chipset                     | Integrated in CPU  |
| Memory                      | DDR4 2400M/2933Hz ECC UDIMM/RDIMM  |
| Memory Max.                 | Up to 256G   |
| Cooling method / System Fan | 3x Cooling Fans with Smart Fan<br>1 x System Fan   |
| Physical Characteristics    |  |
| Rack Height                 | 1U   |
| Dimensions (LxWxH) (mm)     | 436.2 x 454.3 x 44.2   |
| Storage                     |  |
| Storage                     | 2 x 2.5" SSD/HDD Bay : support SATA 3.0 (6 Gbps)   |
| I/O Interface               |  |
| Ethernet                    | 5 x SFP+ : 10 GbE<br>8 x LAN : 2.5 GbE RJ45  |
| I/O Interface               | 1 x Console port(s) : RJ45<br>2 x USB 3.0  |
| Expansion                   | PCIe x8 : 1 x FH PCIe Gen4 x 8 or 2 x FH PCIe Gen4 x 4<br>3 x M.2(NGFF) :<br>2 x M key 2280 (SATA/PCIe Gen3 x2)<br>1 x B key for IPMI module (support IEI iRIS2 IPMI module) |
| Power                       |  |
| Power Supply                | 320W Redundant Power Supply  |
| Environment                 |  |
| Operating Temperature       | 0°C ~ 40°C (32°F ~ 104°F)  |
| Storage Temperature         | -10°C ~ 50°C   |
| Humidity                    | 5% ~ 90% non-condensing  |
| Certifications              |  |
| Safety & EMC                | By customer request  |
| OS Compatible               |  |
| OS Compatible               | Ubuntu, Linux based OS   |

## Ordering Information

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| PUZZLE-7030A-R20 | 1U Rackmount Network Appliance with Intel Ice Lake-D LCC processor |
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## Packing List

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|                               |                        |
|-------------------------------|------------------------|
| 2 x Power cord                | 2 x Rack mounting ears |
| 6 x Screw for 2.5-inch drives |                        |