

# PUZZLE-9040

2U Rackmount Network Appliance with Intel® Xeon® Scalable processors (Code name: Sapphire Rapids)  
(request by order)



## Features

- » Dual 4th Gen Intel® Xeon® Scalable processors (Code name: Sapphire Rapids)
- » DDR5 4800 MHz ECC RDIMM (up to 4 TB)
- » 1 x PCIe Gen 4 x16 FHFL
- » 8 x OCP 3.0 slots (6 x PCIe Gen 5 x16, 2 x PCIe Gen 4 x16)
- » 2 x 10GbE SFP+ (Intel X710-BM2)
- » 2 x 1GbE RJ45 (Intel i350-AM2)
- » 1 x GbE RJ45 IPMI management port
- » 2 x U.2 slots with Removable Tray (PCIe 4.0 x4)
- » 1 x 2280 M-Key (PCIe 4.0 x4)
- » Redundant power supply (CRPS)

## Specifications

|                             |   |
|-----------------------------|---|
| Form Factor                 |   |
| Form Factor                 | 2U  |
| System                      |   |
| CPU                         | 2 x 4th Gen Intel® Xeon® Scalable processors (Code Name: Sapphire Rapids)           |
| Chipset                     | Intel® C741   |
| Memory                      | 16 x DDR5 4800MHz ECC RDIMM slot  |
| Memory Max.                 | Based on DIMM capacity  |
| Cooling method / System Fan | 4 x Hot Swappable System Fans   |
| Physical Characteristics    |   |
| Dimensions (LxWxH) (mm)     | 438 x 88.5 x 623  |
| Net Weight                  | 25Kg  |
| Storage                     |   |
| Storage                     | 1 x M.2(NGFF) 2280 M-Key (PCIe 4.0 x4)  |
|                             | 2 x U.2 : External 2.5" Removable Trays (Supports 2.5" U.2 PCIe x4 NVMe)            |
| I/O Interface               |   |
| Ethernet                    | 2 x SFP+ 10GbE  |
|                             | 2 x LAN : 1 GbE RJ45 ports  |
| I/O Interface               | 1 x Console port(s) : USB type C and 1 x RJ45 auto-switching                        |
|                             | 2 x USB 3.0 Type-A  |
| Expansion                   | 1 x PCIe x16 FHFL   |
| Other Features              |   |
| IPMI                        | 1 x M.2 Socket B Key support IEI iRIS2 IPMI module,<br>1 x 1 GbE RJ45 for IPMI port |
| TPM                         | 1 x TPM 2.0 pin header  |
| Power                       |   |
| Power Supply                | 2000W CRPS redundant power  |
| 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 Support     |                         |
| OS Support     | Ubuntu, Linux based OS  |

## Ordering Information

|                   |   |
|-------------------|---|
| PUZZLE-9040-R-R10 | 2U rackmount Network Appliance support dual 4th Gen Intel Xeon Scalable processors, 16x DDR5 4800 MHz ECC RDIMM Slots |
|-------------------|---|

## Packing List

|                                  |                        |
|----------------------------------|------------------------|
| 2 x Power cord                   | 2 x Rack mounting ears |
| 6 x Screw for rack mounting ears |                        |