

PUZZLE-5030

1U Rackmount Network Appliance with Intel® Xeon® E Processor (Codename: Rocket Lake) and the Intel® C256 chipset



Features

- » Intel® Xeon® E Processor (Codename: Rocket Lake) and the Intel® C256 chipset
- » 4 x DDR4 3200MHz ECC/non-ECC UDIMM, up to 128G
- » 8 x 2.5 Gbps RJ-45 LAN ports & 2 pairs LAN bypass
- » 2 x Standard PCIe slot (1 x PCIe Gen4 x4, 1 x PCIe Gen4 x8)
- » 2 x PuLM network module (Site A: 1* PCIe x8 or 2* PCIe x4, Site B: 2* PCIe x4 or 4* PCIe x2)
- » 1 x RJ-45 Console, 2 x USB 3.0
- » 2 x 2.5" SATA HDD/SSD bay support SATA 3.0 (6 Gbps)
- » 1 x M.2 M key 2260/2280 support PCIe Gen3 x4 or SATA 3.0 (6 Gb/s)
- » 1 x mini PCIe with SIM card slot (PCIe Gen3 x1)
- » 300W AC Redundant PSU

Specifications

Form Factor	
Form Factor	1U
System	
CPU	Intel® Xeon® E Processor (Codename: Rocket Lake)
Chipset	Intel® C256
Memory	DDR4 3200MHz ECC/Non-ECC UDIMM
Memory Max.	Up to 128G
Cooling method / System Fan	3 x Cooling Fans with Smart Fan
	1 x System Fan
Physical Characteristics	
Rack Height	1U
Dimensions (LxWxH) (mm)	430 x 426 x 44.2
Net Weight	10 kg
Storage	
Storage	2 x 2.5" SSD/HDD Bay : support SATA 3.0 (6 Gbps)
I/O Interface	
Display Output	1 x HDMI™ : 2.0a (Internal connector)
Ethernet	8 x LAN : 2.5 GbE RJ45 (Intel® I225V-AT); two pairs bypass; Port 1 support WOL
I/O Interface	1 x Console port(s) : RJ45
	4 x USB 3.0 : 2 x USB 3.0 on the front panel + 2 x USB 2.0 by pin header
Expansion	1 x PCIe x8 : Standard PCIe Gen 4 x8 (FHHL)
	1 x PCIe x4 : Standard PCIe Gen 4 x4 (FHHL)
	1 x PCIe mini Card Slot : with SIM card slot (PCIe Gen3 x1)
	1 x M.2(NGFF) : M key 2260/2280 support PCIe Gen4 x2 or SATA 6Gb/s
Power	
Power Supply	300W AC Redundant PSU
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	RoHS, CE/FCC
OS Support	
OS Support	Linux (CentOS, Ubuntu, etc.)

Ordering Information

PUZZLE-5030-XE2/R-R10	1U Rackmount Network Appliance support Intel® Gen8 Xeon® E-2378, 4 DDR4 slots, 8 x 2.5GbE , 2 PuIM slots , 2 PCIe expansion, Redundant Power, RoHS
PUZZLE-5030-XE/R-R10	1U Rackmount Network Appliance support Intel® Gen8 Xeon® E-2378G, 4 DDR4 slots, 8 x 2.5GbE , 2 PuIM slots , 2 PCIe expansion, Redundant Power, RoHS
PUZZLE-5030-R10	1U Rackmount Network Appliance (without CPU and Heatsink) support Intel® Xeon® E Processor (Codename: Rocket Lake), Intel® C256 chipset, LGA1200, 4 DDR4 slots, 8 x 2.5GbE, 2 PuIM slots, 2 PCIe expansion, Redundant Power, RoHS

Packing List

2 x Power cord	2 x Rack mounting ears
6 x Screw for rack mounting ears	USB to console cable : Option
RS232 to console cable : Option	Slide rail : Option
HDMI™ cable : Option	Heatsink: Option