

# 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 non-ECC UDIMM, up to 128G
- » 8 x 2.5 Gbps RJ-45 LAN ports & 2 pairs LAN bypass
- » Support PCIe x4, PCIe x8 and two PULM module slots
- » 1 x RJ-45 Console, 2 x USB 3.0, LCM
- » 2 x 2.5" SATA HDD/SSD bay, 1 x M.2 M key 2260/2280, 1 x PCIe Mini with SIM card slot
- » 300W Redundant / Non-redundant PSUs

## Specifications

Form Factor	
Form Factor	1U
System	
CPU	Intel® Xeon® E Processor (Codename: Rocket Lake)
Chipset	Intel® C256
Memory	DDR4 3200MHz 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 : (15.5mm height) 1 x SATA : SATA 3.0 + 1 x 5V/12V power connector
I/O Interface	
Display Output	1 x HDMI : 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 : two external USB port, two internal connector
Expansion	1 x PCIe x8 : PCIe 4.0 x8 (FHHL) slot 1 x PCIe x4 : PCIe 4.0 x4 (FHHL) slot 1 x PCIe mini Card Slot : with SIM card slot 1 x M.2(NGFF) : M key 2260/2280 (Support NVMe/SATA)
Power	
Power Supply	300W Redundant/non-redundant PSUs
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.)
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## 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 (TDP: 80W) : Option