PUZZLE-IN001

1U Rackmount Network Appliance with Intel® Xeon® E, 8th Generation Intel® Core™/Pentium®/Celeron® Processor, up to 2 NMS and 2 PCIe slots

Features

» Intel® Xeon® E, 8th Generation Intel® Core™/Pentium®/Celeron® Processor

» Support 8 x GbE RJ45 via Intel® I211, and two PulM module slots

» 2 x 288-pin Long DIMM, DDR4 2400MHz ECC & non ECC, up to 32GB

» 1 x RJ45 Console, 2 x USB 3.2 Gen1, LCM

» 2 x 2.5" SATA drive bay, 1 x M.2 B Key, 1 x PCIe mini

» Support open source software, such as pfSense® and OPNsense®.

» Support PCIe x4 and PCIe x8 slot

» Redundant PSUs

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Specifications

System	
CPU	Intel® Gen8 Xeon® E-2136 processor
	Intel® Gen8 Core™ i3-8100T processor
Chipset	Inte® C246
Memory	2 x DDR4 2400MHz ECC/Non-ECC UDIMM
Memory Max.	up to 32 GB
Cooling method / System Fan	4 x Cooling Fans with Smart Fan
Physical Characteristics	
Rack Height	1U
Dimensions (LxWxH) (mm)	426x430x44.2
Net Weight	7 kg
Storage	
Storage	2 x 2.5" SSD/HDD Bay : support SATA 3.0 (6 Gbps)
	1 x M.2(NGFF) B key 2260/2280
I/O Interface	
Ethernet	8 x LAN : GbE RJ45 (Inteli211-AT)
I/O Interface	2 x External USB 3.2 Gen1x1
	4 x Internal USB 2.0 : Pin header
	1 x Console port(s) : RJ45
Expansion	1 x PCIe x8
	1 x PCIe x4
	1 x PCIe mini Card Slot : PCIe 3.0 & SATA 3.0, USB 2.0
Other Features	
TPM	1 x TPM 2.0 Pin header
Power	
Power Supply	300W, 100V~240V (Redundant power)
Environment	

Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 75°C (-4°F ~ 167°F)
Humidity	5% ~ 90% non-condensing
Certifications	
Safety & EMC	CE / FCC / RoHS
OS Compatible	
OS Compatible	Linux Ubuntu 16 & above
	CentOS 7/ Red Hat/Fedora EPEL
	Microsoft Windows 10

Ordering Information

PUZZLE-IN001-i3T/R-R20	1U Rackmount Network Appliance with Intel® Gen8 Core™ i3-8100T processor, two DDR4 slots, and eight 1GbE , two PulM slots , two PCIe expansion, Redundant
PUZZLE-IN001-XE/R-R20	1U Rackmount Network Appliance with Intel® Gen8 Xeon® E-2136 processor, two DDR4 slots, and eight 1GbE , two PulM slots , two PCIe expansion, Redundant Power, RoHS
PUZZLE-IN001-R-R20	1U Rackmount Network Appliance support Intel® Gen8 Xeon®E3, Core™ i3, Pentium® or Celeron® processor, two DDR4 slots, and eight 1GbE , two PulM slots with new screw hole design, two PCIe expansion, Redundant Power, RoHS

Packing List

» 2 x Power cord	» 2 x Rack mounting ears
» 6 x Screws for rack mounting ears	» USB to console cable (Option)
» RS-232 to console cable (Option)	» Slide rail (Option)
» CPU Heatsink (TDP:80W) (Option)	» CPU Heatsink (TDP:35W) (Option)
» HDMI™ cable (Option)	