

## PUZZLE-IN001

1U 机架安装网络设备，采用 Intel® Xeon® E, 第八代 Intel® Core™/Pentium®/Celeron® 处理器, 多达 2 NMS 和 2 PCIe 插槽



## 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
- » [Learn more about PUZZLE series network appliances](#)

## Specifications

系统	
CPU	Intel® Gen8 Xeon® E-2136 processor Intel® Gen8 Core™ i3-8100T processor
芯片组	Inte® C246
内存	2 x DDR4 2400MHz ECC/Non-ECC UDIMM
内存上限	up to 32 GB
散热方案/系统风扇	4 x Cooling Fans with Smart Fan
物理特性	
Rack Height	1U
尺寸 (LxWxH) (mm)	426x430x44.2
净重	7 kg
存储	
存储	2 x 2.5" SSD/HDD Bay : support SATA 3.0 (6 Gbps) 1 x M.2(NGFF) B key 2260/2280
I/O 接口	
网络	8 x LAN : GbE RJ45 (Inteli211-AT)
I/O接口	2 x External USB 3.2 Gen1x1 4 x Internal USB 2.0 : Pin header 1 x Console port(s) : RJ45
扩展	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
电源	
电源供电	300W, 100V~240V (Redundant power)
环境	
操作温度	0°C ~ 40°C (32°F ~ 104°F)
存储温度	-20°C ~ 75°C (-4°F ~ 167°F)
Humidity	5% ~ 90% non-condensing

认证	
Safety & EMC	CE / FCC / RoHS
OS Support	
OS Support	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 PuIM 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 PuIM 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 PuIM 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)	