

## PUZZLE-A002

1U 机架安装网络设备，具有 AMD R系列 RX-421ND 处理器，支持 6 个 GbE RJ45



## Features

- » AMD R-Series RX-421ND quad-core 2.1 GHz processor
- » 2 x DDR4 2400MHz ECC/Non-ECC UDIMM, up to 32 GB
- » Support 6 x GbE RJ45 via BROADCOM BCM 5720
- » 1 x RJ45 Console, 2 x USB 3.1 Gen 1 (5Gb/s), 2 x USB 2.0, LCM
- » 2 x 2.5" SATA 3.0 drive bay, 1 x PCIe Mini card (PCIe 2.0, USB 2.0, Micro SIM slot)
- » Support two PCIe x4
- » Support open source software, such as [pfSense®](#) and [OPNsense®](#).

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

## Specifications

系统	
CPU	AMD R-Series RX-421ND processor, 4C, up to 3.4 GHz
芯片组	Integrated in CPU
内存	2 x DDR4 2400MHz ECC/Non-ECC UDIMM
内存上限	Up to 32GB
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)	320x430x44.2
净重	5kg
存储	
存储	2 x 2.5" SSD/HDD Bay support SATA 3.0 (6 Gbps)
	1 x eMMC 8 GB
I/O 接口	
网络	6 x LAN GbE RJ45 LAN ports (Broadcom BCM5720)
I/O接口	2 x External USB 3.2 Gen1x1
	1 x Internal USB 3.2 Gen1x1 USB3.0 TypeA
	2 x Internal USB 2.0
扩展	2 x PCIe x4 2 x PCIe 3.0 x4 (FHHL) slots
	1 x PCIe mini Card Slot PCIe 2.0, USB 2.0, Micro SIM slot
	1 x M.2(NGFF) 2230 M.2 A key (PCIe 2.0/ USB 2.0)
电源	
Input	100 V ~ 240 V
电源供电	250W
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 Compliant
OS Compatible	
OS Compatible	Linux Ubuntu 18.04.04
	CentOS 7/Red Hat/Fedora EPEL

## Ordering Information

PUZZLE-A002-MF1/8G-R10	1U Rackmount Network Appliance with AMD® RX-421ND processor, 8GB DDR4, one 256GB SSD, six 1GbE , two PCIe x4 expansion, RoHS
PUZZLE-A002-MF1-R10	1U Rackmount Network Appliance with AMD® RX-421ND processor, two DDR4 slots, and six 1GbE , two PCIe x4 expansion, RoHS

## Packing List

» 1 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)	