

# PUZZLE-M801

1U 机架安装网络设备，采用 Marvell® Armada® 8040 ARM v8 A72 四核系统级芯片



## Features

- » Marvell® ARMADA® 88F8040 high-performance quad-core System-on-Chip processor
- » 1 x 288-pin DIMM, DDR4 2400MHz ECC/NonECC/RDIMM
- » 2 x 10GbE SFP+ via Marvell® ARMADA® 88F8040, 4 x GbE RJ-45 via Marvell 88E1512P
- » 2 x USB 3.2 Gen 1 (5Gb/s), 1 x RJ-45 console, 1 x M.2 B key (SATA & USB 3.2 Gen 1 (5Gb/s)) with SIM holder
- » 1 x PCIe x16 slot (PCIe x2 signal)
- » Support open source software, such as [pfSense®](#) and [OPNsense®](#).

[Learn More about PUZZLE Series](#)

## Specifications

系统	
CPU	Marvell® Armada® 8040 ARM v8 A72 4C, System-on-Chip (SoC) up to 2.0GHz
内存	1 x DDR4 2400MHz ECC/Non-ECC/RDIMM
内存最大值	Up to 16 GB
散热方案/系统风扇	2 x Cooling Fans with Smart Fan
物理特性	
Rack Height	1U
尺寸 (LxWxH) (mm)	320x430x44.2
净重	5 kg
存储	
存储	1 x 2.5" SSD/HDD Bay : support SATA 3.0 (6 Gbps)
	1 x eMMC : 32GB
I/O 接口	
网络	2 x SFP+ : 10 GbE SFP+ 4 x LAN : 1 GbE RJ45
I/O接口	2 x External USB 3.2 Gen1x1 2 x Internal USB 2.0 : Pin header
扩展	1 x PCIe x16 : (FHHL) PCIe 3.0 x2 signal 1 x M.2(NGFF) : M.2 B Key (3042/2260) (SATA 3.0 and USB 3.2 Gen 1) Support SATA SSD or 4G LTE module (USB signal)
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
OS Support	
OS Support	Ubuntu 16.04.04

## Ordering Information

PUZZLE-M801-A1/8G-R10	1U Rackmount Network Appliance with Marvell Armada 8040 processor, 8GB DDR4, one 256GB SSD, four 1GbE , two 10GbE via SFP+, one PCIe expansion, RoHS
PUZZLE-M801-A1-R10	1U Rackmount Network Appliance with Marvell Armada 8040 processor, one DDR4 slot, four 1GbE , two 10GbE via SFP+ , one PCIe 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)	