

# PUZZLE-M901



## Features

- Marvell CN9130 quad-core ARMv8 cortex-A72 @ up to 2200 MHz
- Six 2.5 GbE RJ-45 ports
- Onboard 4 GB eMMC
- LED indicators: Status/Power & WAN/LAN interface indicator
- Pre-installed OpenWrt
- Support M.2 2242 M key (PCIe Gen 3 x2)

## Specifications

		PUZZLE-M901
Form Factor	Desktop	Desktop
	CPU	Marvell® CN9130 quad-core ARMv8 Cortex-A72 @ up to 2200 MHz
Memory	System Memory	4GB
Networking	Ethernet IC	Aquantia AQR112R
		Aquantia AQR112C
		Aquantia AQR112
	Ethernet Port	1 x 2.5GbE LAN integrated in CPU via PHY Aquantia AQR112R
		1 x 2.5GbE LAN integrated in CPU via PHY Aquantia AQR112C
		1 x 2.5GbE LAN integrated in CPU via PHY Aquantia AQR112
		1 x 2.5GbE LAN via Marvell 88F8215 (PHY: Aquantia AQR112R)
1 x 2.5GbE LAN via Marvell 88F8215 (PHY: Aquantia AQR112C)		
1 x 2.5GbE LAN via Marvell 88F8215 (PHY: Aquantia AQR112)		
Expansion slot	M.2	M.2 2242 M key (PCIe Gen 3 x2)
Storage	eMMC	1 x 4GB eMMC
Internal I/O	USB	USB 3.2 Gen 1 (5Gb/s)
Power and Mechanical	Reset Button	1 x Reset to factory default
	System Cooling	Active fan
Physical and Environmental	Storage Temperature	-20°C ~ 75°C (-4°F ~ 167°F)
	Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
	Relative Humidity	5% ~ 95% non-condensing, wet bulb: 27°C
	Dimensions (W x L x H) (mm)	166.4 x 145.7 x 34
OS and Certifications	Certification	CE/FCC/BSMI (BSMI safety)/VCCI, LVD
	Operating System	OpenWrt
	Forum	<a href="#">OpenWrt forum</a>
	FAQ	<a href="#">OpenWr FAQ</a>
Indicators	LED Indicators	Status/Power, WAN/LAN interface indicator
	System Warning	Beep

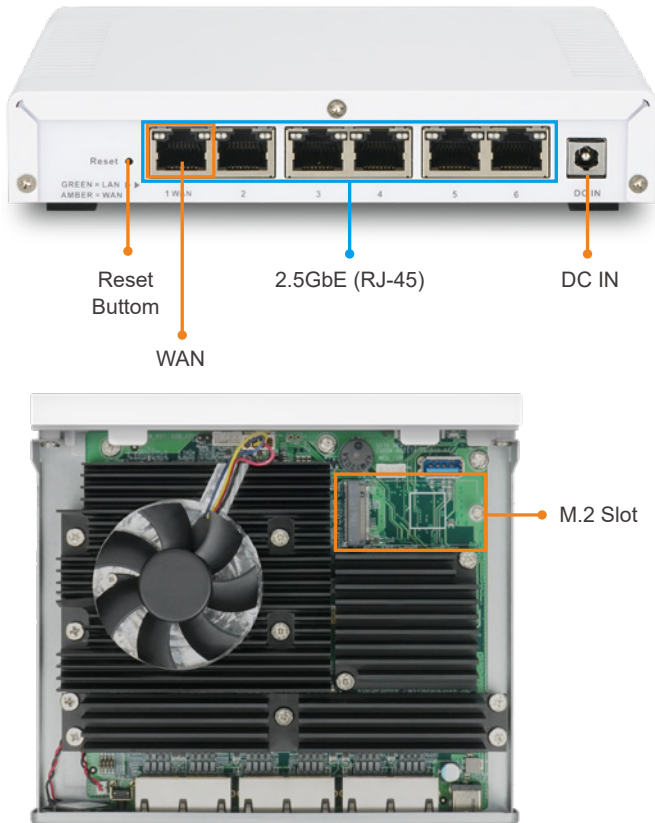
### Ordering Information

Part No.	Description
PUZZLE-M901-CN1-R10	Desktop network appliance with Marvell CN9130 processor, six 2.5GbE, on-board 4GB eMMC, one M.2 slot, RoHS

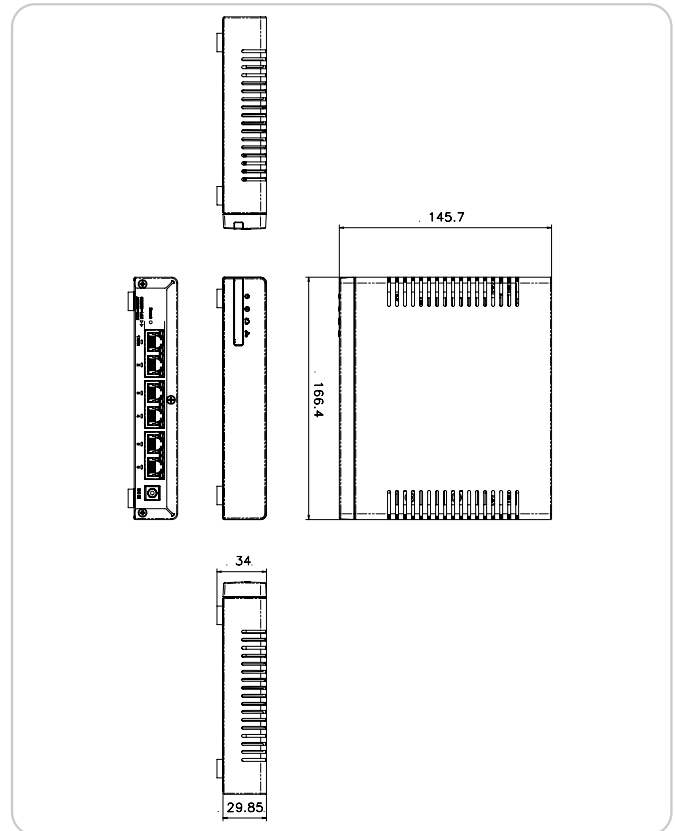
### Packing List

	PUZZLE-M901-CN1-R10
Power cord	1
Power adapter	1

### IO Interface



### Dimensions (Unit: mm)



### PUZZLE-M901 System Block Diagram

