

TP-LINK Omada Multi-Gigabit VPN Router, Ethernet WAN, 2.5 Gigabit Ethernet, Gigabit Ethernet, Black

8x Gigabit RJ45 - 2x Gigabit SFP - 2x 2.5G RJ45 WAN/LAN - 128MB NAND - 1 GB DDR4 - 294x180x44 mm

Group	Network Equipment
Manufacturer	TP-LINK
Manufacturer item no.	ER7412-M2
EAN/UPC	4895252505184



Description

Omada Multi-Gigabit VPN Router

- 2x 2.5Gbps WAN/LAN RJ45 Ports
- 10x Gigabit WAN/LAN Ports (2x SFP, 8x RJ45)
- Load Balancing on up to 11 WAN Ports
- Quad-Core 2.0 GHz CPU
- Centralized Cloud Management
- SSL/ IPsec / GRE / WireGuard / PPTP / L2TP VPN & OpenVPN
- Multi-Net DHCP
- DPI & IPS/IDS

Engineered for Dense Environments, Powered by Dual 2.5 Gbps Ports and Quad-Core 2.0 GHz CPU

Easily build a multi-gigabit network for schools, hotels, and offices.

Up to 11 WAN Ports & One USB WAN for Mobile Broadband

Software Defined Networking (SDN) with Cloud Access

Remotely manage your access points, switches, and gateways across multiple sites all from a single interface.

High-Security and High-Performance VPN

SSL/ IPsec / GRE / WireGuard / PPTP / L2TP VPN & OpenVPN easily build secure VPN tunnels for secure Internet browsing, communication between different branches, or enabling remote work or study from home.

Abundant Security Features

DPI (Deep Packet Inspection)

Easily specify internet access rights and strategies via DPI (Deep Packet Inspection), IP/MAC/URL Filtering and Access Control List (ACL).

IDS/IPS

The integrated IDS/IPS engine bolsters threat detection and defense. It is constantly protected via the built-in attack prevention signature database with 7000+ signature rules that can be updated regularly.

DoS/DDoS Protection

Automatically detects and blocks Denial of Service (DoS) attacks such as TCP/UDP/ICMP Flooding, Ping of Death, and other related threats.

Main features

	General
Networking standards	IEEE 802.1Q, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
Ethernet interface type	2.5 Gigabit Ethernet, Gigabit Ethernet
Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Security algorithms	128-bit AES, 192-bit AES, 256-bit AES, DES, MD5, SHA-1, SHA-2, SHA-384, SHA-512
Compliance certificates	CE, Federal Communications Commission (FCC)
Cables included	AC, LAN (RJ-45)
Flash memory	128 MB
Internal memory	1024 MB
Internal memory type	DDR4

Extended details

	Management features
Web-based management	Yes
Universal Plug and Play (UPnP)	Yes
Reset button	Yes
	WAN connection
Ethernet WAN	Yes
DSL WAN	No
SIM card slot	No
3G/4G USB modem compatibility	Yes
SFP WAN	Yes
	Protocols
DHCP server	Yes
DMZ support	Yes
	Network
Networking standards	IEEE 802.1Q, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
Ethernet interface type	2.5 Gigabit Ethernet, Gigabit Ethernet
Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Static route	Yes
VLAN support	Yes
	Features
Flash memory	128 MB
Internal memory	1024 MB
Internal memory type	DDR4
Windows operating systems supported	Windows 10, Windows 11, Windows 2000, Windows 7, Windows 8, Windows 8.1, Windows 98SE, Windows NT, Windows Vista, Windows XP

Mac operating systems supported	Yes
Linux operating systems supported	Yes
Security	
Security algorithms	128-bit AES, 192-bit AES, 256-bit AES, DES, MD5, SHA-1, SHA-2, SHA-384, SHA-512
URL filtering	Yes
DoS attack prevention	Yes
ARP attack prevention	Yes
ICMP attack prevention	Yes
Access Control List (ACL)	Yes
Network address translation (NAT)	Yes
VPN tunnels quantity	80
Design	
Product colour	Black
Rack mounting	Yes
Power	
Power consumption (max)	18.5 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Operational conditions	
Operating temperature (T-T)	0 - 45 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90 %
Storage relative humidity (H-H)	5 - 90 %
Ports & interfaces	
Ethernet LAN (RJ-45) ports	7
WAN/Ethernet LAN ports quantity	2
SFP module slots quantity	2
Number of console ports	1
USB ports quantity	1
Weight & dimensions	
Width	294 mm
Depth	180 mm
Height	44 mm
Packaging content	
Cables included	AC, LAN (RJ-45)

Quick start guide

Yes

Certificates

Compliance certificates

CE, Federal Communications Commission (FCC)