

TP-LINK Omada 3-in-1 Gigabit VPN Router, Ethernet WAN, Gigabit Ethernet, Black

8 Gigabit LAN - 1 Gigabit LAN/WAN - 1 Gigabit WAN - 2 Gigabit SFP WAN/LAN - 1 GB DDR3 - 8Mb Nor + 4 GB EMMC - 226 × 131 × 35 mm

Group	Network Equipment
Manufacturer	TP-LINK
Manufacturer item no.	ER7212PC
EAN/UPC	4897098688717



Description

A Future-Proof, Versatile, and Compact Router with PoE+ Ports and Controller Capability

Omada 3-in-1 Gigabit VPN Router

3-in-1 Router, More Than A Router

The 3-in-1 ER7212PC presents a one-stop solution for home and small business networking.

With a single compact box, users can replace their router, hardware controller, and PoE+ switch setup. There is no need to manually configure various network devices one by one, you can perform unified deployment through ER7212PC. All you need is one device.

Up to Four WAN Gigabit Ports to Optimize Bandwidth Usage

Equipped with multiple ports, ER7212PC satisfies various internet access requirements through one device. The multi-WAN Load Balancing function distributes data streams according to the bandwidth proportion of every WAN port to raise the utilization rate of multi-line broadband.

Easy Installation, Quiet Heat Dissipation

A clean, well-organized, and quiet network environment is at your fingertips.

- The compact and minimalist design makes it suitable for your configuration in various spaces, whether it's the corner of office desks or the ceiling of a store.
- Fanless design offers noiseless heat dissipation to your shops or offices.

Easy Centralized Management

With built-in centralized management capability, the ER7212PC enables you to manage and update devices in bulk, with no need for individual and complex setups. Additionally, check the Omada app or web browser, ER7212PC allows you to remotely control connected devices, monitor the network, and view the network maintenance in real-time.

High-Security and High-Performance VPN

ER7212PC supports pass-through traffic and multiple VPN protocols, including OpenVPN, IPSec, PPTP, and L2TP in Client/Server mode. One-click auto IPSec VPN simplifies VPN configuration and facilitates network management and deployment.

Robust Security Features

- Powerful Firewall
Advanced firewall policies protect your network and data.
- Convenient VLAN Support

Create virtual network segments for enhanced security and simplified network management.

- DoS Defense
Automatically detects and blocks Denial of Service (DoS) attacks such as TCP/UDP/ICMP Flooding, Ping of Death, and other related threats.
- IP/MAC/URL/Keyword Filtering
Forcefully prevent viruses and attacks from intruders.
- IP-MAC Binding
Reserves static IP assignment for clients to defend against ARP attacks and spoofing.
- One-Click ALG Activation
One-Click ALG Activation for applications such as FTP, H323, SIP, IPSec, and PPTP.

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	Gigabit Ethernet
Cabling technology	10/100/1000Base-T(X)
Supported protocols	TCP/IP, DHCP, ICMP, NAT, PPPoE, NTP, HTTP, HTTPS, DNS, IPSec, PPTP, L2TP, SNMP
NAT functionality	Multi-Net NAT; Virtual Server; NAT-DMZ; FTP/H.323/SIP/IPSec/PPTP ALG; UPnP;
Processor frequency	1200 MHz
Flash memory	4096 MB
Internal memory	1024 MB
Product colour	Black
Housing material	Metal

Extended details

	WAN connection
Ethernet WAN	Yes
DSL WAN	No
SIM card slot	No
3G/4G USB modem compatibility	No
SFP WAN	Yes
	Protocols
DHCP client	Yes
DHCP server	Yes

Supported protocols	TCP/IP, DHCP, ICMP, NAT, PPPoE, NTP, HTTP, HTTPS, DNS, IPSec, PPTP, L2TP, SNMP
Features	
Built-in processor	Yes
Processor frequency	1200 MHz
Flash memory	4096 MB
Internal memory	1024 MB
Internal memory type	DDR3
Certification	CE, FCC, RoHS
Network	
Networking standards	IEEE 802.1Q, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
Ethernet interface type	Gigabit Ethernet
Cabling technology	10/100/1000Base-T(X)
Ethernet LAN data rates	10,100,1000 Mbit/s
Static route	Yes
VLAN support	Yes
Port forwarding	Yes
Security	
URL filtering	Yes
Access Control List (ACL)	Yes
NAT functionality	Multi-Net NAT; Virtual Server; NAT-DMZ; FTP/H.323/SIP/IPSec/PPTP ALG; UPnP;
Design	
Product colour	Black
Housing material	Metal
LED indicators	Yes
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 %
Power	
Output voltage	53.5 V
Output current	2.43 A
Power over Ethernet (PoE)	Yes
Management features	
Universal Plug and Play (UPnP)	Yes
Reset button	Yes
Ports & interfaces	

Ethernet LAN (RJ-45) ports	10
Power over Ethernet (PoE) ports quantity	8
Combo SFP ports quantity	2
DC-in jack	Yes
Weight & dimensions	
Width	226 mm
Depth	131 mm
Height	35 mm
Packaging content	
AC adapter included	Yes
Manual	Yes
Packaging data	
Package width	227 mm
Package depth	374 mm
Package height	73 mm
Package weight	1.92 kg