

EVO7044GP

WI-FI 7 GPON GATEWAY



Ultra-fast Wi-Fi 7 GPON Gateway

Enhance your network experience with Evolution Digital EVO7044GP - an advanced Wi-Fi 7 GPON Gateway delivering blazing-fast Wi-Fi 7 and reliable 2.5 Gbps Ethernet connectivity for homes and businesses. Perfect for high-demand applications like 4K streaming and gaming, this device ensures robust and sophisticated online experiences.



General

GPON Standards: ITU-T G.984

Distance: 20Km Max

Data Rates: Upstream 1.25Gbps, Downstream 2.5Gbps

Wireless Standards: IEEE 802.11ax/ac/n/a 5 GHz, IEEE 802.11be/ax/n/b/g 2.4 GHz

Operation Frequency: 2.4GHz & 5GHz

Wireless Security: WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK encryption, WPA3

VOIP Standards: SIP (RFC3261), ITU-T G.729/G.722/ G.711a/G.711

Throughput: BE7200, 5 GHz: 5,764.72 Mbps (802.11be), 2.4 GHz: 1,376.48 Mbps (802.11be)

Channels: 20/40/80/160MHz support, 4x4 dual-band

Hardware

RAM: 1 GB

Flash: 512 MB

Interfaces

WAN/LAN: 2.5 GE Gigabit Ethernet (x1)

LAN: 1GE Gigabit Ethernet (x4)

FXS: (x1)

USB 3.0: (x1)

SC/APC GPON: (x1)

Software Features

WAN Type: Dynamic IP/Static IP/PPPoE/Router

DHCP: Server, DHCP Reservation, Static Route, DDNS

Quality of Service: WMM, Bandwidth Control

Port Forwarding: Virtual Server, Port Triggering, UPnP, DMZ

VLAN: 802.1Q tag VLAN, VLAN transparent mode/ VLAN translation mode/VLAN trunk mode

Access Control: Parental Control, Local Management Control, Host List, Access Schedule, Rule Management

Firewall Security: DoS, SPI Firewall, IP Address Filter/ MAC Address Filter/Domain Filter, IP and MAC Address Binding

VOIP Features: One RJ-11 FXS ports for connecting to analog telephones Call forwarding, Call waiting, Call block, 3-way conference call, etc.

Internet Protocol: IPv4, IPv6

Physical Specifications

Size: 9.6 x 7 x 2.5 inches (243 x 180 x 65 mm)

Weight: 1.3 pounds (.59kg)

Operating Temperature: 0°C~40°C (32°F~104°F)

Storage Temperature: -40°C~70°C (-40°F~158°F)

Relative Humidity: 10%~90%, non-condensing

Storage Humidity: 5%~95%, non-condensing

Buttons: Power ON/OFF, WPS/Wi-Fi, and Reset

Antenna: 8 x 3dBi Fixed Antennas

Cable: Category 6, Length 1 meter (x1 optional)

Guide: Quick Installation Guide (x1)

Power Supply: DC 12V 2.5A

Certifications: CE, RoHS

