

# EVO6022GP3

## WI-FI 6 GPON GATEWAY



*e*  
evolution  
DIGITAL

WiFi 6

dual-band

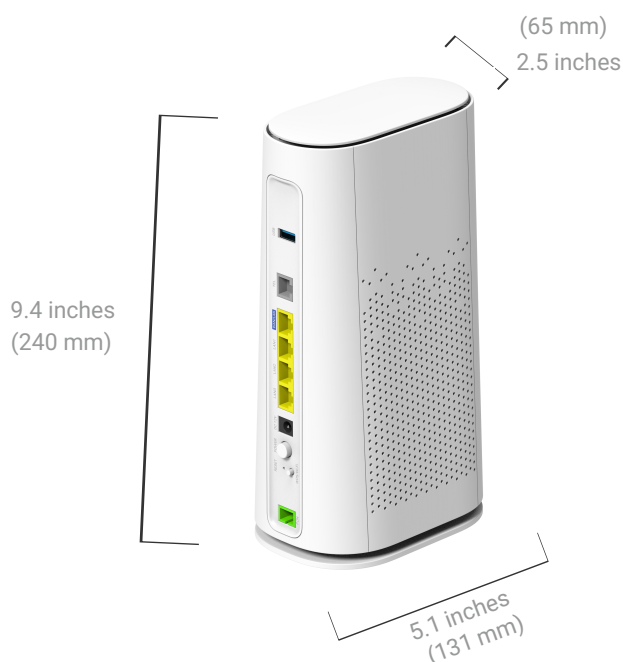
1Gb

Plume

OpenSync

## Ultra-fast GPON Gateway

Elevate your connectivity with the Evolution Digital EVO6022GP3, a cutting-edge GPON Gateway that brings ultra-fast Wi-Fi 6 and seamless 1 Gbps Ethernet to both home and business. 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 802.11ax/n/b/g 2.4 GHz

**Operation Frequency:** 2.4GHz & 5GHz

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

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

**Throughput:** AX3000 (3.0Gbps), 5 GHz (2x2): 2,402 Mbps (802.11ax), 2.4 GHz (2x2): 574 Mbps(802.11ax)

**Channels:** 20/40/80/160MHz support, 2x2 dual-band

### Hardware

**RAM:** 1 GB

**Flash:** 1 GB

### Interfaces

**WAN/LAN:** 1GE Gigabit Ethernet (x1)

**LAN:** 1GE Gigabit Ethernet (x3)

**FXS:** (x1)

**USB 3.0:** (x1)

**SC/APC GPON:** (x1)

**TX Wave Length:** 1310nm

**RX Wave Length:** 1490nm

**Optical Power Value:** 0.5~4dBm

**Maximum Reception Sensitivity:** -8dBm

**Minimum Reception Sensitivity:** -28dBm

### Software Features

**Plume:** HomePass, Haystack, Uprise, Harvest

**OpenSync:** OpenSync 4.4, Roadmap to OS6.4

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

**DHCP:** Server, DHCP Reservation, Static Route

**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:** 9.4 x 5.1 x 2.5 inches (240 x 131 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:** 4 x 3dBi Fixed Antennas

**Cable:** Category 5e, Length 1 meter (x1 optional)

**Guide:** Quick Installation Guide (x1)

**Power Supply:** DC 12V 1.5A

**Certifications:** CE, RoHS

