

# **WAG-0F2W 10G PON ONT**

## **Product Specification**

**Ver. 0.1**

**October 2017**

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### Revision History

Rev	Date	ECO	Change Log
0.1	10/7/2017		Initial Revision

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## ■ Summary

Azores Networks' WAG-0F2W 10G PON ONT is a residential home gateway with 10G PON uplink (10G symmetrical and asymmetrical). It provides customers with 4 Gigabit Ethernet, 1 POTS, and 2 USB ports, along with 3x3 802.11n and 3x3 802.11ac WiFi services.

## ■ Highlights

- ❖ Pluggable SFP+ cage allows following types of PON uplink
  - Asymmetrical 10GEPON (10G/1G)
  - Symmetrical 10GEPON (10G/10G)
  - XGPON1
  - XGSPON
  - NGPON2
  - Or optional Asymmetrical 10GEPON SFF module
- ❖ 4x 10/100/1000BASE-T Ethernet RJ45 ports
- ❖ 2x POTS ports
- ❖ 3x3 802.11ac with Internal Antennas
- ❖ 3x3 802.11n with internal Antennas
- ❖ 12V 2A Wall Adaptor
- ❖ -10 to 50°C operating temperature

## ■ Specifications

### General

Azores Model	WAG-0F2W
ONT Type	10G Residential Gateway
SoC	BCM68580X/BCM68580H
Uplink	10GEPON, XGPON1, XGSPON, NGPON2
Downlinks	4x GE, 2x POTS, 802.11ac, 802.11n, 2x USB
Operating Temperature	-10 to 50°C
Storage Temperature	-20 to 70°C
Operating Humidity	10% to 95%, non-condensing
Installation	Desktop
Regulatory	CCC; FCC, ETL and CE (Future)
Flash/RAM	128/256M Flash + 256M/512M DDR3 RAM
Size	220x160x38mm

### 10G PON

PON Interface	SFP+ cage for pluggable optical module
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### Ethernet LAN

Ethernet Interface	4x RJ45 connectors
Standard Compliance	IEEE 802.3, 802.3u, 802.3ab
Link	Half-duplex and full-duplex operations 10/100/1000Mbps auto-negotiation and manual configuration MDI/MDIX auto detection

### POTS

POTS Interface	2x RJ-11 connectors
Ringling	4 REN
Soft Switch Support	SIP

## USB

Connectors	2 USB2.0
Power Load	1A 5V Maximum

## Wi-Fi 2.4G

MIMO	3x3
Antenna	3 Internal Antennas with 5dBi Gain
Standard	802.11b/g/n
Speed	450Mbps

## Wi-Fi 5G

MIMO	3x3
Antenna	3 Internal Antennas with 5dBi Gain
Standard	802.11 a/ac
Speed	1.3Gbps

## Power

Power Options	Wall Adapter
Wall Adapter	Standard barrel connector 100-240VAC in, 50/60Hz 12VDC out, 2A max

## Buttons and LEDs

Buttons	Power, Reset, WiFi On/Off, WPS, LED On/Off
LEDs	Power, WAN, PON, LAN1-4, Phone, USB1, USB2, WPS

## ■ Product Photos

### ❖ Front View



### ❖ Back View



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## ■ Contact

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