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N300 Wireless GPON ONT

G10 (1GE+1FE+WiFi)

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G10

Product Descriptions

G10 supports the up-link and down-link symmetric 1Gbps transmission rate, providing users with good QoS guarantee and flexible bandwidth allocation. Ethernet business and IP integrated services. Integrated wireless function, fully compliant with 802.11 n/b/g wireless standard protocol, External high-gain Omnidirectional antenna, wireless transmission rate up to 300Mbps, with strong penetrating power and wide coverage, providing users with more efficient data transmission guarantee.

G10 has a high reliability and provide quality of service guarantee, easy management, flexible expansion and networking. It's fully meet the ITU-T G.984.x technical standards and has good compatibility with third party manufacturers OLT.

Main Features

- * GPON mode (Can access GPON OLTs).
- * Plug and play, integrate auto detection, auto configuration and auto firmware upgrading.
- * Support 802.11n Wi-Fi (T/R) function, wireless transmission rate up to 300Mbps.
- * Support downstream 2.5Gbps and upstream to 1.25Gbps with transmission distance to 20Km.
- * Supports OMCI (ONT Management Control Interface) remote management.
- * Support IPv4/ IPv6 IGMP snooping and MLD snooping.

Specification

General	
GPON Standards	ITU-T G.984.x
Distance	20Km Max
Data Rates	Upstream rate 1.25Gbps Downstream rate 2.5Gbps
Wireless Standards	IEEE802.11b/g/n
Signal Rate	Up to 300Mbps
Operation Frequency	2.4GHz
Transmit Power	16dbm@MCS7 HT40 16dbm@MCS7 HT20 17dbm@OFDM 54M 19dbm@CCK 11M
Receive Sensitivity	11g 54M: -67dBm 11n HT20: -64dBm 11n HT40: -62dBm
PON TX Power	1~5dBm (1310nm)
PON RX sensitivity	<-28dBm (1490nm)
Wireless Security	WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK
Power	≤ 5W
Hardware	
Interfaces	1xSC/UPC or 1xSC/APC (optional) 1x 10/100/1000Mbps LAN Port 1x 10/100Mbps LAN Port
Buttons	WiFi Button, Reset Button

Power Supply	DC 12V 1A
Antenna	2*5dBi external antennas
Dimensions (W X D X H)	130*109*28mm(length*width*height)

Environment

Operating Temperature	-10°C~50°C
Storage Temperature	-40°C~70°C
Operating Humidity	10%~90%, non-condensing
Storage Humidity	5%~95% non-condensing
Certifications	CE, RoHS

Software

WAN Type	Dynamic IP/Static IP/PPPoE
DHCP	Server, Client, DHCP Client List, Address Reservation
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	Local Management Control, Host List, Access Schedule, Rule Management
Firewall Security	DoS, SPI Firewall IP Address Filter/MAC Address Filter/Domain IP and MAC Address Binding
Management	Access Control Local Management Remote Management
Internet Protocol	IPv4, IPv6

Package Contents

Package Contents	1 x GPON ONT
	1 x Quick Installation Guide
	1 x Power Adapter

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