



300Mbps Wireless N Gigabit VoIP GPON Router

XN020-G3v

- A GPON modem with wireless AP and 2-port Switch
- Compliant with the ITU-T G.984/G.988 GPON standards, XN020-G3 supports maximum data rates of up to 2.488Gbps downstream and 1.244Gbps upstream.
- TR-069 protocol enables an operator to remotely configure and manage end-user devices.

[Main Features](#) | [Specifications](#)

WIRELESS FEATURES

Frequency	2.4GHz
Signal Rate	300Mbps at 2.4GHz
Transmit Power	<20dBm (2.4GHz)
Wireless Functions	Enable/Disable Wireless Radio, WMM, Wireless Statistics
Wireless Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA-PSK2 encryptions
Wireless Schedule	Support 2.4GHz Schedule

SOFTWARE FEATURES

DHCP	Server, Client, DHCP Client List, Address Reservation, DHCP Relay
Quality of Service	Hardware QoS
Port Forwarding	Virtual Server, Port Triggering, DMZ, ALG, UPnP
Dynamic DNS	DynDns, NO-IP
Security	NAT Firewall, SPI Firewall, Access Control, MAC/URL Filtering, Denial of Service (DoS), SYN Flooding, Ping of Death, IP and MAC Address Binding
Advanced Functions	SN, Password, SN + Password Authentication Mode Upstream and Downstream FEC, AES encryption Dynamic Bandwidth Allocation(DBA) support NSR/SR 802.1Q VLAN, Static Routing; IGMP v1/v2 /v3 16 T-CONTs, 256 GEM Ports
Management	OMCI, Web Based Configuration, Command Line Interface, SSL for TR-069, OMCI Based Firmware Upgrade
IPSec VPN	Support up to 10 IPSec VPN tunnels
Protocols	Support IPv4 and IPv6
WAN Connection Type	PPPoE, Dynamic IP, Static IP, Bridge
IGMP	IGMP v1/v2/v3

OTHERS

System Requirements	Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, 8, 8.1, 10, MAC OS, NetWare, UNIX or Linux Internet Explorer 11, Firefox 12.0, Chrome 20.0, Safari 4.0 , or other Java-enabled browser Cable or DSL Modem
Environment	Operating Temperature: 0°C~40°C(32°F~104°F) Storage Temperature: -40°C~70°C(-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

Package Contents	300Mbps Wireless N Gigabit VoIP GPON Router XN020-G3v RJ11 Phone Cable RJ45 Ethernet Cable Quick Installation Guide Power Adapter
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Certifications	CE, Anatel
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HARDWARE FEATURES

Dimensions (W x D x H)	7.1 ×4.9× 1.4 in. (181.5 ×125.7 ×36.2mm)
Antenna Gain	2X2 , 2.4G 5dBi
Optical Module	Class C+
Optical Wavelength	Transmit at 1310nm Receive at 1490nm
Transmission Distance	0 ~ 20Km Max
Bandwidth	Downstream up to 2.488Gbps Upstream up to 1.244Gbps Max
Receiver	APD-TIA
Transmitter	DFB Laser
Interface	1* SC/APC port 1* 10/100/1000Mbps LAN Port 1* 10/100Mbps LAN Port 1 FXS Port
Button	Power On/Off Button, Reset Button, WPS/Wi-Fi Button
External Power Supply	12V/0.6A
IEEE Standards	IEEE 802.3, IEEE 802.3u, 802.3ab
Wireless Standards	IEEE 802.11g, 802.11b,802.11n
GPON Standards	ITU G.984.1 ITU G.984.2 ITU G.984.3 ITU G.984.4

Company

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