

Router XN020-G3

TP-LINK XN020-G3 US1 Router 300Mbps Wireless N Gigabit GPON

GPON modem

XN020-G3 supports GPON ITU-T G.984/G.988 standards. The downstream rate is up to 2.488Gbps and the rate is up to 1.244Gbps.

Thanks to the TR-069 protocol, the provider can remotely manage subscriber devices.

Wi-Fi	3G
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Detailed

Hardware specifications	
Interfaces	SC/APC Port LAN Port 10/100/1000 Mbps
Buttons	Reset (Reset settings)
External power supply	12V/0.6A
Wireless data transmission standards	IEEE 802.11g, 802.11b, 802.11n
IEEE Standards	IEEE 802.3, IEEE 802.3u, 802.3ab
Dimensions (W x D x H)	115 x 106.7 x 24.3 mm
Antenna type	External 2.4 GHz, 2.5 dBi (2 pcs.)
GPON standards	ITU G.984.1, ITU G.984.2, ITU G.984.3, ITU G.984.4, ITU G.988

WI-FI MODULE PARAMETERS	
Wi-Fi Standards	IEEE 802.11g, 802.11b, 802.11n

Frequency ranges	2.4 GHz
Transfer speed	Up to 300 Mbps on 2.4 GHz
Wi-Fi functions	Enable/Disable wireless broadcasting, WMM, wireless statistics
Wi-Fi Network Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA-PSK2 encryption
Transmitter power	< 20 dBm or < 100 mW
Wireless Schedule	2.4 GHz

Software Features	
Prioritization	ATM QoS, QoS
Safety	NAT Firewall, Access Control, MAC/URL Filtering, DoS, SYN Flood, Ping of Death Protection, IP and MAC Binding
Control	OMCI, Web-based configuration, CLI, SSL for TR-069, OMCI firmware update
DHCP	Server, Client, DHCP Client List, Address Reservation, DHCP Relay
Port forwarding	Virtual Server, Port Launch, DMZ, ALG, UPnP
Dynamic DNS	DynDns, NO-IP
Protocols	IPv4 and IPv6
Additional functions	Serial number, password, serial number and password authentication Upstream and downstream forward error correction (FEC) AES encryption Dynamic bandwidth allocation (DBA) NSR/SR support 802.1Q VLAN IGMP v1/v2/v3 static routing 16 T-CONT ports, 256 GEM ports

Other	
Certification	CE
Delivery set	XN020-G3 RJ45 Ethernet Cable Quick Setup Guide Power Adapter
System requirements	Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, 8, 8.1, 10, macOS, NetWare, UNIX, or Linux. Internet Explorer 11, Firefox 12.0, Chrome 20.0, Safari 4.0, or another Java-enabled browser.
Environmental parameters	Operating temperature: 0...+40 °C Storage temperature: -40...+70 °C Operating humidity: 10-90% non-condensing Storage humidity: 5-90% non-condensing