





Model: GP1200

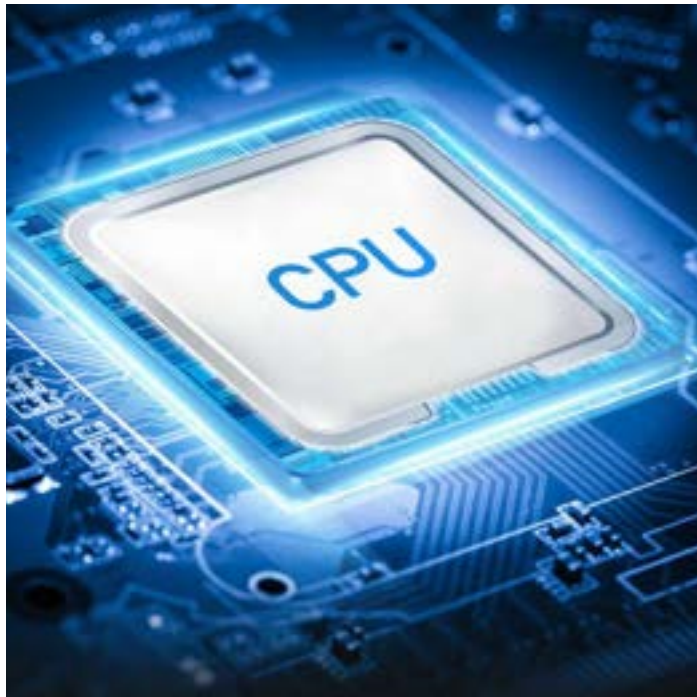
AC1200

Wireless Dual-Band Gigabit xPON Router

-  AC1200 Dual-Band Wi-Fi
-  Powerful 1.1 GHz Dual-Core Processor
-  GPON/EPON and Four Gigabit RJ45 Ports
-  TR069/TR098/TR143/OMCI/Genie ACS Comptaible

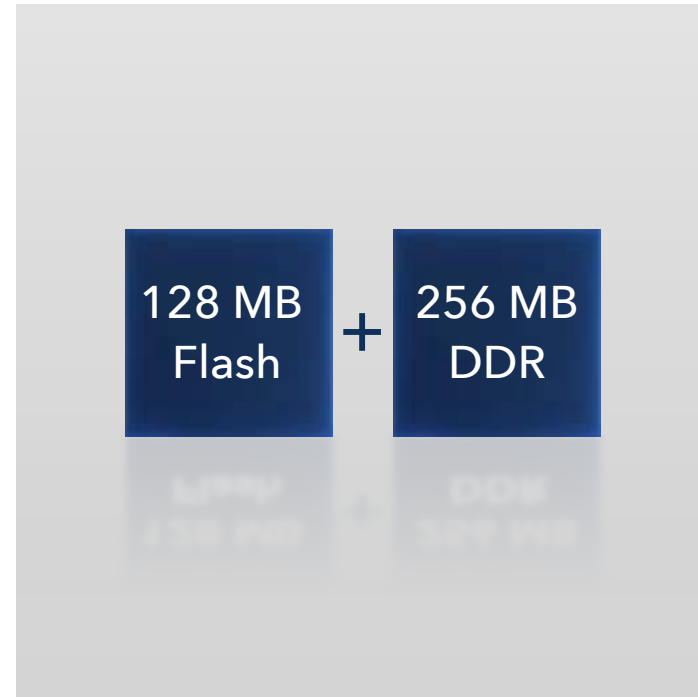


Hardware



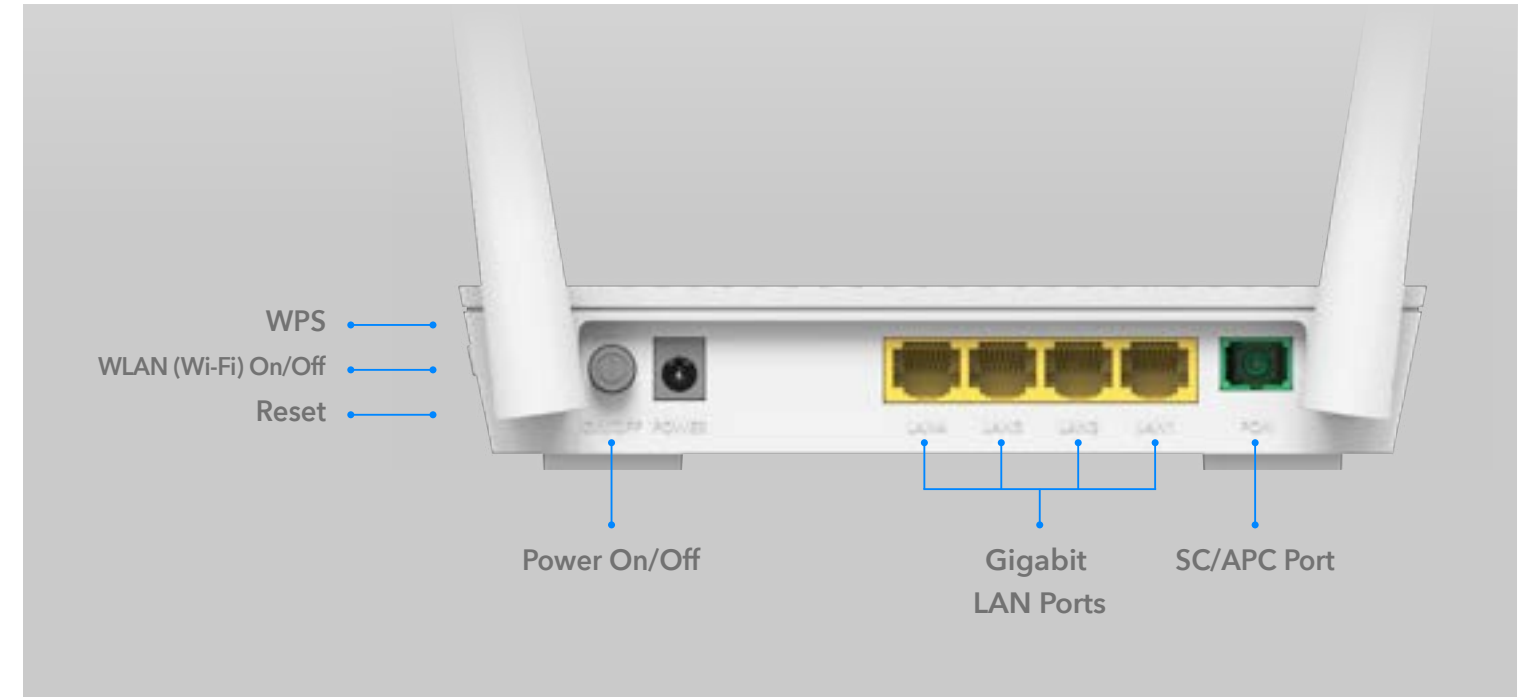
Powerful Dual-Core Processor

Keeps network fast and responsive with a 1.1 GHz dual-core CPU, improving online experience and solidifying your service reputation.



More Features, More Capacity

Large flash allows adding features to tailor ISP's needs. High RAM allows connecting more devices at the same time without slowing down.



Broad Wireless Coverage

Two high-gain antennas and beamforming technology boost the Wi-Fi signal automatically to the direction of the clients.

Four Gigabit Ports

Provides decent wired connectivity, and removes the need to installing extra switch for large premises' wiring scenarios..

Software



IPv6

Supports more secure and advanced IPv6 protocol, enabling ISP to scale up their network high-performance with the latest features in efficiency, and compatibility.



QoS

Advanced built-in QoS features allow ISPs to fine-tune the online experience, including latency-sensitive real-time applications, achieving high customer satisfaction.



OMCI

Reduces procedures and expenses in the first-time installation and the future maintenance. OMCI enables OLT to set up the ONT and streamlines the management.

Highlight

- A GPON and EPON ONT with AC1200 Wi-Fi for FTTH deployment
- Compatible with TR069/TR098/TR143/OMCI/GennieACS
- Advanced QoS enables the fine-tuning of low-latency application experiences

Hardware

Processor	RTL9607C-VB6+8812FR+8192FR
Flash	1 Gbit (128 MB)
DDR	2 Gbit (256 MB)
Antennas	2× Fixed Omni-Directional Antennas
Interfaces	1× SC/APC Port 4× 10/100/1000 Mbps RJ45 LAN Ports 1× USB-A 2.0 (Optional) 1× RJ11 Port (Optional) 1× DC Jack
LED	Power, PON, LOS, Internet, LAN 1~4, 2.4 GHz Wi-Fi, 5 GHz Wi-Fi, WPS, USB (Optional), Phone (Optional)
Buttons	Power On/Off, Wi-Fi On/Off, WPS Button, Reset Button
External Power Supply	12 V / 1 A
Dimension (W x D x H)	173×123.8×33 mm (6.81×4.87×1.3 inches)

xPON

Protocols	GPON (ITU-T G. 984) EPON (802.3ah)
Upstream Speed	1.244 Gbps (GPON), 1.25 Gbps (EPON)
Downstream Speed	2.488 Gbps (GPON), 1.25 Gbps (EPON)
Wavelength	TX: 1310 nm RX: 1490 nm
Max Transmission Distance	20 km

Wireless

Wireless Standards	IEEE 802.11ac/n/a 5 GHz IEEE 802.11n/b/g 2.4 GHz
Frequency	5 GHz, 2.4 GHz
Signal Rate	867 Mbps (5 GHz), 300 Mbps (2.4 GHz) Compatible with 802.11a/b/g/n/ac Wi-Fi standards
Transmit Power	CE: <20dBm(2.4 GHz), <23dBm(5.15 GHz~5.25 GHz) FCC:<30dBm(2.4 GHz & 5.15 GHz~5.825 GHz)
Wireless Features	Beamforming
Wireless Encryptions	WPA-PSK, WPA2-PSK, WPA-PSK/WPA2-PSK

Software

WAN Type	Dynamic IP/Static IP/PPPoE
DHCP	Server, DHCP Client List, Address Reservation
Dynamic DNS	DynDNS, TZO, No-IP
Guest Network	2.4 GHz Guest Network × 1 5 GHz Guest Network × 1
NAT	Port Forwarding, Port Triggering, UPnP, DMZ
Working Mode	xPON Wi-Fi Router
Security	SPI Firewall/IP Filter/MAC Filter/Domain Filter
QoS	4 Queues/Port/MAC/802.1p/DSCP/Traffic Shaping
CWMP	TR069 / TR098 / TR143
OMCI	ITU-T G.988
ACS Server Compatibility	GenieACS
Management	Local Management via Web Page
IPTV/VLAN	Bridge, Tag VLAN
Internet Protocols	IPv4 / IPv6
IPv6	Dynamic (SLAAC/DHCPv6) Static (Fixed IP)

Others

Package	xPON Wi-Fi Router
Content	Power Adapter RJ45 Ethernet Cable Quick Installation Guide
Certificate	CE, FCC, RoHS
Environmental	Operating Temperature: 0 °C ~ 40 °C (32 °F ~ 104 °F)
Requirements	Storage Temperature: -40 °C ~ 70 °C (-40 °F ~ 158 °F) Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing
System	Windows, macOS, Android, iOS, or other OS with networking capability
Requirements	Firefox, Chrome, Safari, Edge, or other up-to-date web browsers. An OLT and optical fibers are required for providing network access.