

# AX3000 XPON ONU

## X302



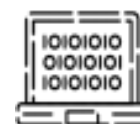
- Support device -based ratelimitationandbandwidthcontrol
- In compliant withIEEE802.3ah &ITU-T G.984 standard
- Wi -Fi series meet 802.11a/b/g/n/ac/axtechnical standards;
- Support ONU auto -discovery/Link detection/remotegradeof software
- Support power off alarm function,easy for link problemdetection
- Support ACL to configure data packet filter flexibly
- Specialized design for system break down prevention tomaintainstable system
- Support TR069 for ACS(Auto Config Server)
- SupportPPPoE/DHCP Server/IPTV/POTS/NAT
- Support multi-SSID(Maximum 4 SSID)
- Support automaticchannel selection
- Support wireless security of 64/128 bit WEP,802.1x,WPA and WPA2

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# Technical Specifications

## Technical Parameter



## Security Network

Compliant with the latest security standards



## Expandable

Able to cover a large geography area



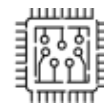
## Improvement

To better meet the needs of diverse application

User Interface	4*GE RJ45 2*POTS 1*USB 2.4GHz: 574Mbps, 5.8GHz: 2402Mbps
PON	EPON&GPON mode adaptive Interface Type: SC-UPC/SC-APC Transmission distance: 20KM GPON: upstream 1.25Gbps / downstream 2.5Gbps Transmitting optical power: 0~4dBm Optical receive sensitivity: -7dBm~-28dBm EPON: upstream 1.25Gbps / downstream 1.25Gbps Transmitting optical power: 0~4dBm Optical receiver sensitivity: -7dBm~-27dBm
Ethernet	4*10/100/1000M auto-negotiation Full/half duplex mode RJ45 connector Auto MDI/MDI-X 100m distance
POTS Port	2*RJ11 connector Max 1km distance Balanced Ring, 55VRMS
Environment	Operating temperature: 0°C~50 °C Operating humidity: 0%~85% (non-condensing) Storage temperature: -40°C~80 °C Storage humidity: 5%~95% (non-condensing)
Power Supply	12V/2A DC power interface size: 2.1mm/5.5mm
Power Consumption	<18W

Indicators	Status	Description
POWER	Light On	ONU power supply normally.
	Light Off	ONU no power supply.
PON	Light On	Success to register to OLT.
	Blink	In the process to register to OLT.
	Light Off	Fail to register to OLT.

Indicators	Status	Description
2.4G	Light On	Wi-Fi function opens.
	Blink	Data is being transmitted.
	Light Off	Wi-Fi functions closes.
5G	Light On	Wi-Fi function opens.
	Blink	Data is being transmitted.
	Light Off	Wi-Fi functions closes.
INTERNET	Light On	ONU can access internet.
	Light Off	ONU can not access internet.
INTERNET	Blink	WPS connected
	Light Off	WPS functions closes.
WPS	Light On	Optical link is abnormal.
	Light Off	Optical in normal.
VOIP1	Light On	POTS port Registered.
	Light Off	POTS port not Registered.
VOIP2	Light On	POTS port Registered.
	Light Off	POTS port not Registered.
USB	Light On	USB connection is normal
	Light Off	USB account is not used.



## Energy Saving

Reducing the energy consumption through efficient energy use



## Higher Bandwidth

Have a higher transmission rate



## Support Multiple Service

Provide users with more diversified services

## Voice Service Functions

With the heartbeat function, support the main producing soft exchange platform

Support high / low speed mode transparent transmission, T38 two fax

Support 1 POTS interface and the three party call, three party support local mixing

Support POTS port GR909 line test function

Support dynamic PPPoE, DHCP and static IP

7 \* 24 hour call loss is less than or equal to 0.01%

Support SIP (compatible with IMS), MGCP three VoIP protocol, and the soft switch platform the mainstream can be good intercommunication

Support ITU-T G.711, G.723.1, G.729 and other three kinds of compression algorithm; echocancellation conforming to ITU-T G.168-2002, an echo canceller for the longest 128ms

Support high-speed Modem (56Kbps) dial access; support RFC2833 and redundant RFC2833, ringing, MD5 certification, call forwarding, call waiting, the hotline, alarm clock, abbreviated dialing and other value-added services