

XPON 1G Single BOSA Port ONU



User interface	1* 10/100/1000M RJ45 port
PON	<p>EPON&GPON mode adaptive interface Type: SC-UPC/SC-APC Network coverage radius: 20KM</p> <p>GPON: upstream 1.25Gbps /down stream 2.5Gbps Optical receive sensitivity: $\geq -7 \sim -28$dBm Continuo us light power: 0.5dBm~+5dBm</p> <p>EPON: upstream 1.25Gbps /down stream 1.25Gbps Optical receive sensitivity: $\geq -7 \sim -27$dBm Continuo us light power: 0dBm~4dBm</p>
Ethernet	<p>1*10/100/1000M auto-negotiation Full/half duplex mode RJ45 connector Auto MDI/MDI-X 100m distance</p>
Size	105mm(L)×85mm(W)×25mm(H)
Environment	<p>Operating temperature: 0°C~60°C Operating humidity: 10%~85% (non-condensing) Storage temperature: -40°C~80°C Storage humidity: 5%~95% (non-condensing)</p>
Power supply	<p>12V 0.5A DC power interface size: 2.1mm/ 5.5mm</p>
Power	< 3W
Man	Web/ TELNET/ TR069/ OAM/ OMCI

- Support port - based rate limitation and bandwidth control.
- In compliant with IEEE802.3 ah &ITU-T G.984 adaptive interface.
- Up to 20KM transmission distance.
- Support data encryption, group broadcasting, port Vlan separation, etc.



- Support Dynamic Bandwidth Allocation (DBA)
- Support ONU auto - discovery/ Link detection/ remote upgrade of software.
- Support port mode of VLAN configuration.
- Support power - off alarm function, easy for link problem detection.
- Support broadcasting storm resistance function.
- Support port loop detection.
- Support ACL to configure data packet filter flexibly.
- Support PPPoE/ DHCP Server/ IPTV/ NAT.
- Specialized design for system breakdown prevention to maintain stable system.
- Support software online upgrading.
- Support mac/ port/ url filter.

○ Indicator		Description
POWER	Power status	On: The ONU is power on
		Off: The ONU is Power off
PON	ONU Register	On: Success to register to OLT
		Blinking: In process of registering to OLT
		Off: Fail to register to OLT
LOS	Optical Signals	On: Optical power is abnormal
		Off: Optical in normal
LAN	LAN Port status	On: Ethernet connection is normal
		Blinking: Data is being transmitted
		Off: Ethernet connection is not set up

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Part Number:

Items Name	Part Number
1G Single BOSA Port XPON	ONU-BOXP-AT

