

XPON 1G Single BOSA Port ONU



Description:

OP-BOXP-AT XPON (GPON and EPON dual mode) ONU. It is designed for meeting the triple-play service needs of fixed network operators or cable operators, and widely used in FT TX, video surveillance and other requirements. It is based on mature GPON and EPON technology, and has high ratio of performance to price, stable, cost-effective, high reliability, easy management, configuration flexibility and good quality of service (QoS) guarantees. It is fully compliant with GPON and EPON technical regulations such as ITU-T G.984.x, IEEE802.3ah requirement. it can be used as GPON or EPON

Features:

- Plug and play, features auto-detecting, auto-configuration, and auto firmware upgrade, etc.
- Completely compatible with GPON international standard IEEE802.3ah/802.3-2005
- Support China Telecom GPON CTC3.1 standard and expand OAM
- Support DBA reporting mechanism request
- Support OAM (Link, Test, Loop back) maintenance function defined IEEE802.3ah
- Support to save configured parameters if power down
- Support to configure the work mode at the user port
- Support MDI-MDIX automatic-detection at the user port.
- Support access authentication based on serial number
- Support access authentication based on MAC address
- Support 802.1Q VLAN
- Support traffic rule to modify the related priority.
- Support to restore the factory settings
- Support the remote reset and reboot
- Support dying gasp outage alarm
- Fully compatibility with OLT based on Broadcom/PMC/Cortina chipset.

Technical Parameter List:

Tech parameters	description
Up-link interface	1 XPON interface, SC single mode single fiber RX 2.488 Gbits/s rate and TX 1.244 Gbits/s(GPON), RX 1.244 Gbits/s rate and TX 1.244 Gbits/s(EPON) rate Fiber type : SC/UPC Optical power : 0~4 dBm Sensitivity : -28 dBm safety: ONU authentication



	mechanism
Wavelength(nm)	TX 1310nm, RX 1490nm
Fiber connector	SC/UPC connector (SC / APC optional)
Down-link data interface	1*10/100/1000M auto-negotiation Ethernet interface, RJ45 interface
Indicator LED	4 pcs
DC supply interface	input +12V 0.5A
Power	≤5W
Operating temperature	-5~+55°C
Humidity	5~95% (non-condensation)
Storage temperature	-30~+70°C
Dimension (MM)	85*85*28mm (mainframe)
Weight	0.24Kg (mainframe)

Part Number:

OP-BOXP-AT	1*XPON(1490nm Rx,1310nm Tx,20Km,SC),1*10/100/1000Base-T,12V Power supply
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