

XPON ONU Model XONU-1G-301Z



Main Features

- ❖ In compliant with IEEE802.3ah and ITU-T G.984 standard
- ❖ Support ONU auto-discovery/Link detection/remote Upgrade of software
- ❖ Support multiple registration methods
- ❖ Support VLAN configuration
- ❖ Support mac-address learning
- ❖ Support port-based rate limitation and bandwidth control
- ❖ Support port flow-control
- ❖ Support broadcasting storm resistance function
- ❖ Support Dynamic Bandwidth Allocation (DBA)
- ❖ Support three-layer routing function
- ❖ Support MAC filter and URL access control
- ❖ EMS network management-based SNMP, convenient for maintenance
- ❖ Support power-off alarm function, easy for link problem detection

Specifications

Technical Specifications of XPON ONU - XONU-1G-301Z		
Item	Parameter	Specifications
Interface	EPON/GPON Interface	SC/UPC Single mode single fibre
		GPON: FSAN G.984.2 standard, class B+
		EPON: 1000BASE-PX20+ symmetric
		GPON: 2.488Gbps/1.244 Gbps downstream/upstream
		EPON: 1.25Gbps downstream/upstream
	Ethernet Interface	1*10/100/1000Mbps auto-negotiation
		Full Duplex/ Half Duplex
		RJ45 connector
Auto MDI/MDI-X		

		Transmission Distance 100 Meter
	Power Interface	12VDC 1A Power Adaptor
Performance Parameters	PON Official Parameter	Wavelength: Tx1310nm, Rx1490nm
		Rx Sensitivity: GPON: -28dBm, EPON: -27dBm
		Saturation Power: GPON: -8dBm, EPON: -3dBm
		Transmitting Power: GPON: 0.5~5dBm, EPON: 0~4dBm
	Data Transmission Parameter	PON throughput: Downstream 980 Mbps
		Upstream 950 Mbps
		Ethernet: 1000 Mbps
		Packet Loss Ratio: <math><1 \times 10^{-12}</math>
	Latency: <math><1.5\text{ms}</math>	
Network Management	Management Mode	OMCI, OAM, WEB, Telnet
	Management Function	Status monitor, configuration management, Alarm management, Log management
Environmental Specifications	Casing	White Plastic casing
	Power Interface	External 12VDC 1.0A power adaptor, Power consumption: <math><4\text{W}</math>
	Dimensions	125mm(L) x 80mm(W) x 28mm(H) Item weight: 0.1Kg (approx.)
	Environment	Operating Temperature: 0~40°C
		Storage Temperature: 40~85°C
		Operating Humidity: 10%~90%(non-condensing)
	Storage Humidity: 10%~90%(non-condensing)	