GPON ONT

ONT200-01

PRODUCT HIGHLIGHTS

- GPON WAN port with 1.244Gbps uplink / 2.488Gbps downlink link speed

- Active Ethernet WAN port with 1.25Gbps bi-direction link speed

- 1x 10/100/1000BASE-T Ethernet RJ45 Ports

- DC 12V adaptor, max 0.5A current

- -5 to 45℃ operating ambient temperature

D-Link ONT200-01 is a single port GPON fiber optic modem, which is designed to meet the FTTH ultra wide band access requirements of home and SOHO users. It supports NAT / firewall and other functions. It is based on stable and mature GPON technology with high-cost performance and layer 2 Ethernet switch technology. It is reliable and easy to maintain, guarantees QoS, and fully conforms to ITU-T g.984 GPON standard. D-Link ONT200-01 supports standard OMCI, which provides up to 1.25Gbps uplink and 2.5Gbps downlink high-speed transfer rate.

Specifications	
CPU	RTL9601D, Single core 300M CPU
Interface	WAN: One Giga optical interface (APC)
	LAN: 1 10/100/1000 auto MDI/MDI-X RJ-45 ports
WAN Networking	Static IP WAN connection
Power supply	12 V DC, 0.5A
FLASH/RAM	NOR FLASH 64Mbit(8MB)/256Mbit (32MB)SDRAM
BOB Driver	RTL8290B
GPON Protocol Specification	Comply ITU-T G.984 GPON standard:
	G.984.1 general characteristics
	G.984.2 physical Media Dependent (PMD) layer specifications
	G.984.3 transmission convergence layer specifications
	G.984.4 ONT management and control interface specification
	Support DS/US transmission rate to 2.488 Gbps/1.244 Gbps
	Wavelength: 1490 nm downstream & 1310 nm upstream
	Comply with class B+ type PMD
	Physical distance reach to 20 km
	Support Dynamic Bandwidth Allocation (DBA)
	GPON Encapsulation Method (GEM) supports Ethernet packet
	Supports GEM header removal/insertion and data extraction/segmentation (GEM SAR)
	Configurable AES DS and FEC DS/US
	Support up to 8 T-CONs each with priority queues (US)
Power Specifications	Power adapter input: 100—240V/AC 50/60Hz
	Whole machine power supply: 12V/0.5A DC
LED Indicators	Power, PON, LOS, INTERNET
Product Size	90X72X28mm (length X width X height)
Work Environment	Working temperature: -10°C—50°C
	Working humidity: 0—90%
Certification	CE/FCC