

GPON ONT

ONT200-14AXU

H/W:A2

PRODUCT HIGHLIGHTS

- GPON WAN port with 1.244Gbps uplink/ 2.488Gbps downlink link speed
- 4x 10/100/1000BASE-T Ethernet RJ45 Ports
- Support 802.11n/ax 2T2R speed up to 574Mbps
- Support 802.11ac/ax 2T2R speed up to 2400Mbps
- Support Voip



D-Link ONT200-14AXU GPON ONT is a new terminal level GPON ONT, which is a variety of FTTB \ FTTH \ FTTO access ONT manufactured and supplied by D-Link for carrier-grade FTTH network applications. It can support pure data, Wi-Fi and many other services accessing type. ONT200-14AXU ONT supports standard OMCI, which provides up to 1.25Gbps uplink and 2.5Gbps downlink high-speed transfer rate. ONT200-14AXU supports 802.11ax dual band Wi-Fi, 2.4GHz speed up to 574Mbps and 5GHz speed up to 2400Mbps.

SPECIFICATIONS

CPU		1.0GHz ARM CA53 dual-core CPU, 256K L2 cache
Chip model		EN7529CT
Memory		NAND FLASH 2Gbit(256MB)/DDR 4Gbit(512MB)
Wi-Fi Chip		2.4G&5G: MTK7916AN+MTK7976DN
Interface		WAN: One Giga optical interface (APC or UPC) LAN: 4*10/100/1000 auto MDI/MDI-X RJ-45 ports Voip: 1*RJ-11 port USB: 1* USB2.0
XPON	Speed	Downstream : 2.488Gbps for GPON mode and 1.244Gbps for EPON mode Upstream : 1.244Gbps
	Connector	SC/UPC or SC/APC, pigtail,G.652 Single Mode Fiber
	Power level	Downstream: Upstream: – Wavelength : 1490nm – Wavelength : 1310nm – Sensitivity : -27dBm – TX power : 0.5 ~ 5dBm – Saturation : -9dBm – RMS: 0.5nm
Wi-Fi	Standard	2.4GHz supports 802.11b/g/n/ax 5GHz supports 802.11a/n/ac/ax
	Transmit power	2.4G 100mW ,5G/200mW,
	Antenna	2.4G antenna :5dBi 5.8G antenna :4.5dBi
VoIP		G.711A/μ, G.729, and G.722 encoding/decoding T.30/T.38/G.711 fax mode DTMF /Emergency calls (with the SIP protocol)
XPON feature		Compliant with ITU-T G.984.x and IEEE 802.3ah FEC (Forward Error Correction) in both upstream and downstream Dynamic bandwidth status report 802.1p mapper for upstream QoS scheduling based on SP or WRR between GEM port and T-CONT Downstream multicast GEM port and broadcast GEM port
Ethernet Feature		Support Auto-speed and MDI/MDIX auto detection Internal L2 switch Advanced data processing function, such as VLAN label processing, flow classification and packet filtering.
Gateway Feature		WAN support Router and Bridge mode Router mode supports PPPoE/DHCP/ static IP WAN support Internet, VoIP, IPTV, TR069 Call waiting, Unconditional Call Forward SDP protocol (RFC 2327 and RFC 4566) T.30/T.38/G.711 fax mode Call Forward if Busy, Call Forward if no reply and Three-party calls. LAN supports DHCP and static IP Support NAT and NAPT Support UPnP G711A/G711U/G729/G722 DTMF

OAM feature	Standard OAM (the embedded operations channel)compliant with IEEE 802.3ah Compliant with TR-069 standard Compliant with TR-098, TR-140 terminal integrated management interface specification, configuration of all kinds of services, including Ethernet, VoIP, WLAN, etc Alarm reporting, performance monitoring Remote software upgrade through OAM
Management	Managed by Web, OAM and Telnet, Specified the management IP, Reset to Factory default by Reset button or Web UI, Real-time statistics, Optical Diagnostic
IGMP	IGMP v2/v3 IGMP Snooping/Proxy
Certification	CE