

GPON ONT VX-F660

(Compatible with ZTE F660)

Product Specifications

Product Profiles

The ONT is one of the ideal solutions for FTTH application. It provides users with high speed Internet access, high quality voice & video services.



- GPON WAN port with 1.244Gbps uplink / 2.488Gbps downlink linkspeed
- 4x 10/100/1000BASE-T Ethernet RJ45 Ports
- 2x2 11n WIFI support 300Mbps linkspeed
- 2x FXS RJ11 ports for Voice service
- 2x USB ports in host or device mode
- DC 12V adaptor, max 1.5A current
- -5 to 45°C operating ambient temperature

■ Standards

- Compliant with ITU-T G.984.x (G.984.5 support)
- Compliant with SFF-8472
- Compliant with FCC 47 CFR Part 15, Class B
- Compliant with FDA 21 CFR 1040.10 & 1040.11, Class I
- Compliant with IEEE 802.3 Ethernet
- Compliant with ITU-T G.984.2 Amd1, Class B+

- Compliant with 802.1 q/p VLANs
- Compliant with CE regulatory

■ Feature

GPON:

Fully ITU-T G.984.x Compliant framing

32 T-CONTs 256 GEM

Flexible mapping between GEM ports & T-CONTs

Activation with automatically discovered SN & Password

AES-128 Decryption with key generation & switching

FEC upstream & downstream

802.1p mapper service profile on upstream

Mapping of GEM ports into a T-CONT with priority queues based scheduling

Support for multicast GEM port

Switching & Routing:

Bridging & Switching (802.1d / 802.1q)

8 traffic classes with 802.1p

802.3n flow control

VLAN tagging / untagging

VLAN stacking (Q-in-Q)

2000 bytes max Ethernet frame size

IGMP multicast

IGMP snooping/proxy

RSTP

IPHOST

SSH

QOS (SP, WRR, SP+WRR)

Port Mirror

Voice:

Support both SIP / MGCP protocol
Support G.711 (A- & u-), G.729, G.726 codec
Support DTMF dialing
Support Echo cancelling, VAD, CNI
Support Caller ID, call waiting, call forwarding, 3-way call
Support T.30 & T.38 FAX

WIFI:

Support max 4 SSID
Support max 64 subscribers
Support WEP, WPA-PSK, WPA2-PSK(AES, TKIP)
Support 64, 128bit WEP
Support MAC address filtering

Management:

Support OMCI management
Support Web UI management
Support CLI management
Support SNMP management

Parameters

Overview

Operating Temperature	-5~45°C
Operating Humidity	10%~90% , non condensing
Adaptor	12V DC, 1.5A max
Dimension	244 x 161 x 41mm
Weight	About 500g

GPON

Speed	<ul style="list-style-type: none">● Downlink: 2.488Gbps● Uplink: 1.244Gbps
Connector	SC/APC, pigtail
Standard	<ul style="list-style-type: none">● ITU-T G.984.2 , Class B+
Power Level	<ul style="list-style-type: none">● Downlink<ul style="list-style-type: none">– Wavelength: 1490nm– Sensitivity: -28dBm– Saturation: -8dBm● Uplink<ul style="list-style-type: none">– Wavelength: 1310nm– TX power: 0.5 ~ 5dBm
Fiber	G.652 Single Mode Fiber

Ethernet

Standard	<ul style="list-style-type: none">● IEEE802.3● IEEE802.3au● IEEE802.3x
Interface	<ul style="list-style-type: none">● 4x 10/100/1000BASE-T RJ45● Auto negotiation● Auto MDI/MDIX

WIFI

Antenna	2x2, 5dBi, internal antenna
EIRP	Max 25dBm

Voice

REN	Max 5REN
Connector	2x RJ11
Ringling	65V RMS ringing voltage

USB

Current	Max 1A for each port
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