



## **TG-E174200S**

**1 GE PON ports, 4 \* 1000M LAN ports, 2 voice ports + WIFI ONU/ONT**



### **Product Overview**

TG – E17 Series is a broadband terminal device designed by Transtel ,in order to meet the needs of telecom operator,SOHO broadband access,broadband speed increase,FTTH/FTTO,it adopts mature,stable and cost-effective gigabit EPON technology,and integrates Gigabit Ethernet switching, WDM and HFC optical receiving technology,with the feature of high reliable ,easy to manage and QoS guarantee.It meets IEEE802.3ah standard .

### **Technical Specification**

- 1.Power adapter input: 220V AC, 50HZ.
- 2.System power supply: See the nameplate on the device.
- 3.Ambient temperature: -5 ~ +55°C(V2801W 0 ~ +40°C )Ambient humidity: 10% ~ 4.95%(non-condensing).
- 5.Store temperature: -30 ~ +60°CStore humidity: 10% ~ 95%(non-condensing).

## Hardware Specification

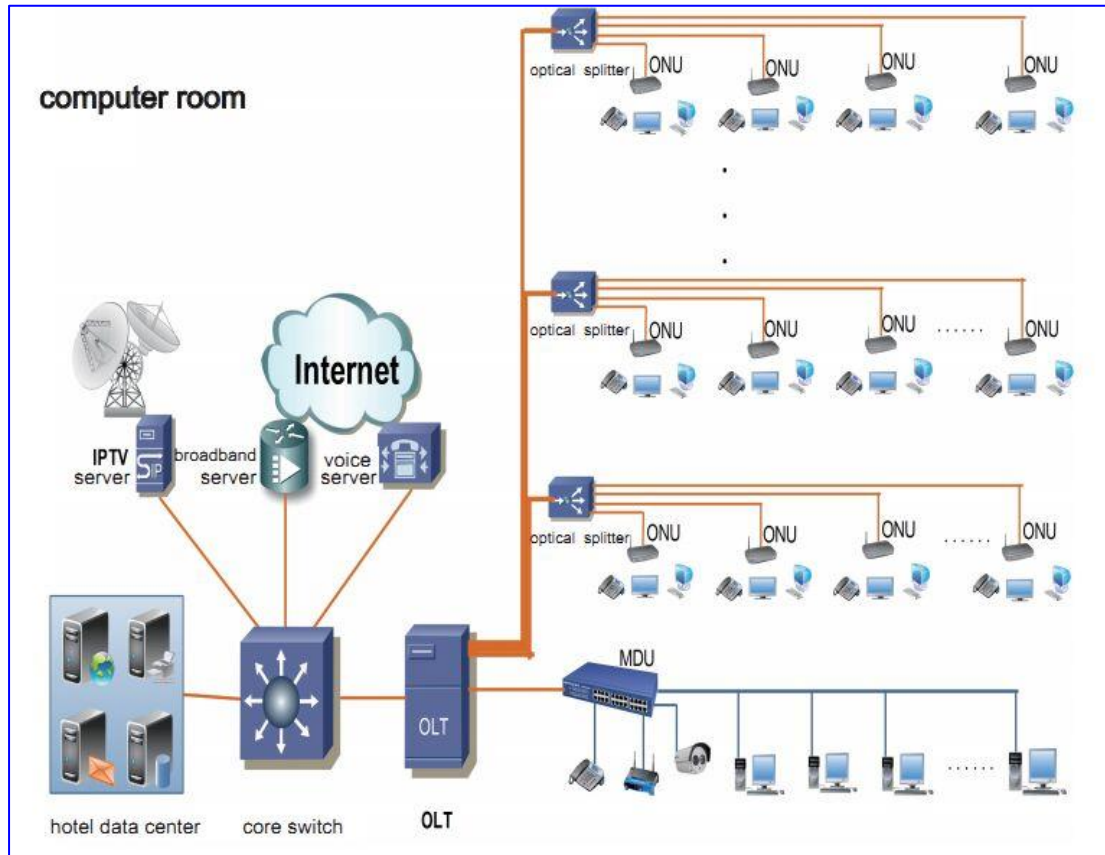
Parameter Name	Hardware Parameter
	GEPON
Chipset	BCM68380 Series
PON Port	SC, single-mode,single-fiber, Downstream rate 1.25Gbps, Upstream rate 1.25Gbps.
Wavelength	Tx 1310nm, Rx 1490nm
Sensitivity	<-27dBm(CLASS B+)
Optical Type	SC/PC
Interface Type	4*10/100/1000Mbps, Auto adaptive Ethernet interfaces, Full/Half Duplex, RJ45 connector 2 POTS, RJ11 connector.
Wireless	Compliant with IEEE802.11b/g/n, 300Mbps, 2T2R one internal antenna and one external antenna.
Indicators	13, For POWER,PON ,LOS,WAN,WiFi, Phone, Lan, Pair, USB.
Dimension	205mm×142mm×35mm
Power	DC12V,1A/1.5A
Power Consumption	≤10W
Weight (No Power Adapter)	340g

## Software Specification

Parameter Name	Software Parameter
	GEPON
LAN	Support Port rate limiting Support Loop detection
VLAN	Support VLAN tag mode Support VLAN transparent mode Support VLAN trunk mode Support VLAN translation mode Support VLAN QinQ mode
Multicast	Support IGMPv1/v2/v3 Support IGMP Proxy and MLD Proxy Support IGMP Snooping and MLD Snooping
QoS	Support 4 queues Support SP and WRR Support 802.1P Support DSCP
L3	Support IPv4、 IPv6 and IPv4/IPv6 dual stack Support DHCP/PPPOE/Statics Support Static route Support NAT Support Bridge, Route ,Route and Bridge mixed mode Support DMZ Support DNS Support ALG Support UPnP Support Virtual Server
DHCP	Support DHCP Server
VOIP	Support SIP protocol, Support Voice coding: ITU-T G.711/G.723/G.726/G.729, auto-negotiate with call agent, Support Echo cancellation exceeding ITU-T G.165/G.168-2002, up to 128ms tail length, Support high/low speed fax/Modem, bypass fax, and T38 fax,

	Support InBand / RFC2833/SIP INFO, MD5 authentication, call forward, call waiting, hot-line call, and all kinds of value-added voice service. Multi-party conferencing , Support Line testing according to GR-909.
Wireless	Support 802.11b/g/n and Mixed mode, Support 4 SSID Support No-auth, WEP, WPA-PSK and WPA2-PSK function with AES,TKIP encryption.
Performance	Data loss: <1*10E-12. Call loss: <0.01%.
Security	Support Firewall Support Mac filter Support ACL Support URL filter
Management	Support OMCI(ITU-T G.984.x).
	Support WEB. Support TR069. Support TELNET. Support CLI.

## Applicant



## Order information

Model	description
	4+2+WIFI GEAPON ONU/ONT