

## Model no- GEPON-STC-84P

It owns 4 GEPON ports and 8 Gigabit COMBO Ethernet port, the height is only 1U for easy installation and space saving. Each PON supports up to 64 terminals, the whole device supports up to 256 ONUs under full configuration. It adopts advanced technology to support SLA and DBA to keep strong function on the Ethernet and QoS features. It is applied for commercial and grid network digital management to provide perfect, smart, strong, advanced, professional solutions.

front panel includes 8\*10/100/1000BASE-TX Combo port and 4\*PON port, several LED indicators, one console and one AUX:

### TECHNICAL FEATURES:

Item	E8604T-08T
Processor	MIPS32
BOOT ROM	512K
DDR	128M
FLASH	8M
Size (L*W*H)	1RU, 442mm×315mm×44mm
Weight	<5kg
Power Input	AC: 176V~265V AC 47/63Hz DC: -36V~-72V DC
Maximum power	<52W
Interface	4/8*PON,8*Combo( 10BASE-T,100BASE-TX,1000BASE-T;100BASE-FX and1000BASE-X),1*console,1*debug port
Switching mode	Store-and-forward storage transmission
Switching capacity	16G
Support standard	IEEE 802.3ah EPON IEEE802.3(10Base-T) IEEE802.3u(100Base-TX) IEEE802.3z 1000BASE-X IEEE802.3ab 1000Base-T IEEE802.1Q(VLAN) IEEE802.1d(STP)

	<p>IEEE802.1W(RSTP)  IEEE802.1S(MSTP)  IEEE802.1p(COS)  IEEE802.1x(Port Control)  IEEE802.3x flow-control  IEEE802.3ad(LACP)  Each OLT interface supports at most 64 ONU;  Transmission distance of each OLT is at most 20Km</p>
Layer 2 function	<p>VLAN,QinQ,link convergency, broadcast storm control  Support at most 4096 VLAN;  16K MAC address; Bandwidth control</p>
Aggregation group	127 groups, each group has over 8 members
ACL/QoS	<p>Support ingress, egress ACL  Backpressure flow control (half duplex)  IEEE 802.3x flow control duplex  IEEE 802.1p, CoS  WRR,SP and FIFO queue scheduling algorithm  802.1P/DSCP priority Mark/Remark  Uplink and downlink speed limitation based on each ONU  Support traffic classification of DBA and SLA  Support remark priority , packet redirection based on traffic</p>
Security	<p>Limit quantity of maximum user at each port  Port violation  Packet storm control  ACL access control based on data stream  Encryption of PON port transmitting data  Support 802.1X authentication</p>
Multicast	<p>IGMP v1/v2/v3  IGMP Snooping  Multicast VLAN; controlled multicast</p>
Port mirror	Support
Configuration and management	<p>SNMP  Green Net NMS;  CLI, SNMP, TELNET, cluster etc.  RMON v1, 1,2,3,9 groups  SSHv1/v2  Software and bootrom upgrade by TFTP and FTP  Local server syslog to record system log  Chinese/English command prompt  Ping and trace route  Debug</p>
Lightning	Service port has lightning protection
Maintenance	Telnet remote maintenance
Temperature	0 ~50
Humidity	5%~95%