

ET0412 & ET0816 EPON OLT Series Datasheet

Product overview:

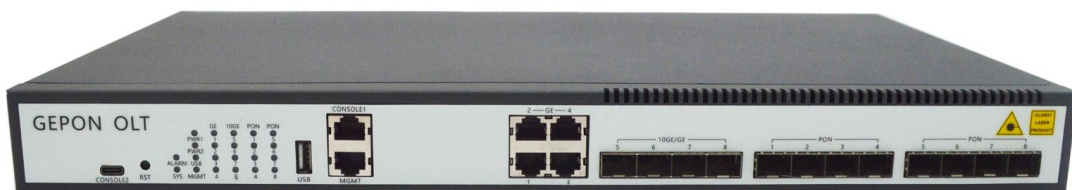
ET0412 & ET0816 is highly integrated, medium-capacity EPON OLT for operators, ISPs, enterprises and park applications. The product follows the IEEE802.3ah technical standard, The product has good openness, strong compatibility, high reliability, and complete software functions. It can be widely used in operators' FTTH access, VPN, government and enterprise park access, campus network access, ETC.

ET0412 & ET0816 is only 1U in height, easy to install and maintain, and save space. Supports mixed networking of different types of ONUs, which can save a lot of costs for operators.

ET0412



ET0816



Main Feature

- Rich Layer 2/3 switching features and Flexible management methods
- Support multiple link redundancy protocols such as FlexLink/STP/RSTP/MSTP/ERPS/LACP
- Support RIP、 OSPF、 BGP、 ISIS and IPV6
- Safe DDOS and virus attack protection
- Support Power redundancy backup, power pluggable(ET0816)
- Support power failure alarm
- Type C management interface(ET0816)

Product specifications

Attributes	ET0412	ET0816
Exchange capacity	96Gbps	104Gbps
Packet forwarding rate	71.424Mpps	77.376Mpps
Memory and storage	memory: 512MB, storage: 32MB	memory: 512MB, storage: 32MB
Management port	Console	Console, Type C
Port	4*EPON Port, 4*10/100/1000M Base-T,4*1000M Base-X SFP/4*10GE SFP+	8*EPON Port, 4*10/100/1000M Base-T,4*1000M Base-X SFP/4*10GE SFP+
PON	Comply with IEEE 802.3ah EPON standard 20KM transmission distance 1:64 Max splitting ratio	
VLAN	Support 4K VLAN Support Vlan based on port, MAC and protocol Support dual Tag VLAN, port-based static QinQ and flexible QinQ	

MAC	<p>16K Mac address</p> <p>Support static MAC address setting</p> <p>Support black hole MAC address filtering</p> <p>Support port MAC address limit</p>
ring network protocol	<p>Support STP/RSTP/MSTP</p> <p>Support ERPS Ethernet ring network protection protocol</p> <p>Support Loopback-detection port loopback detection</p>
port control	<p>Support two-way bandwidth control</p> <p>Support port storm suppression</p> <p>Support 9K Jumbo ultra-long frame forwarding</p>
Port aggregation	<p>Support static link aggregation</p> <p>Support dynamic LACP</p> <p>Each aggregation group supports a maximum of 8 ports</p>
Mirroring	<p>Support port mirroring</p> <p>Support stream mirroring</p>
ACL	<p>Support standard and extended ACL</p> <p>Support ACL policy based on time period</p> <p>Provide flow classification and flow definition based on IP header information such as source/destination MAC address, VLAN, 802.1p, ToS, DSCP, source/destination IP address, L4 port number, protocol type, etc.</p>
QoS	<p>Support flow rate limiting function based on custom business flow</p> <p>Supports mirroring and redirection functions based on custom business flows</p> <p>Support priority marking based on custom service flow, support 802.1P, DSCP priority Remark capability Support port-based priority scheduling function, support queue scheduling algorithms such as SP/WRR/SP+WRR</p>
Safety	<p>Support user hierarchical management and password protection</p> <p>Support IEEE 802.1X authentication</p> <p>Support Radius&TACACS+ authentication</p> <p>Support MAC address learning limit, support black hole MAC function</p> <p>Support port isolation</p> <p>Support broadcast message rate suppression</p> <p>Support IP Source Guard Support ARP flood suppression and ARP spoofing protection</p> <p>Support DOS attack and virus attack protection</p>

Layer 3	Support ARP learning and aging Support static route Support dynamic route RIP/OSPF/BGP/ISIS Support VRRP	
System management	CLI, Telnet, WEB, SNMP V1/V2/V3, SSH2.0 Support FTP,TFTP file upload and download Support RMON Support SNTP Support system work log Support LLDP neighbor device discovery protocol Support 802.3ah Ethernet OAM Support RFC 3164 Syslog Support Ping and Traceroute	
Environment temperature	Working Temperature: -10°C ~ 55°C Storage temperature: -40°C ~ 70°C	
environment humidity	Operating humidity: 10% ~ 95% (non-condensing) Storage humidity: 10% ~ 95% (non-condensing)	
environment friendly	China RoHs, EEE	
weight	≤3.5kg	≤5kg
fan	Fixed fans (two fans)	Fixed fans (three fans)
power	AC: 100 ~ 240V 47/63Hz; DC: 36V ~ 75V;	
Power consumption	≤38W	≤49W
Dimensions (Width * height * depth)	440mm*44mm*200mm	440mm*44mm*260mm

Purchasing Information

Product name	Product description
EPON OLT 4PON ET0412	4*PON port, 4*10GE/GE SFP +4GE RJ45 uplink port, Dual power with optional
EPON OLT 8PON ET0816	8*PON port, 4*10GE/GE SFP +4GERJ45 uplink port, Dual power with optional