Expandable OLT Platform
FD1700S

Unparalleled Flexibility and Excellent Scalability

Pluggable Pizza-Box Design
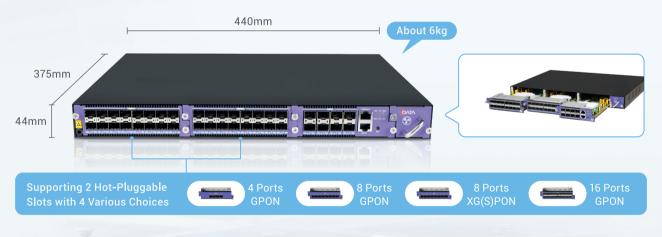
GPON/XG(S)PON Hybrid

High Density GPON Ports

Compatible with 3rd Party Devices

440mm

About 6kg

375mm

44mm

CDATA

Supporting 2 Hot-Pluggable Slots with 4 Various Choices

| 4 Ports GPON | 8 Ports GPON | 8 Ports XG(S)PON | 16 Ports GPON |

Product Function

Compare to traditional standalone 8 Ports GPON OLT*4

35% Cost Save | VS | **40%** Power Save | **75%** Space Save

Service Ports	4GPON	8GPON	16GPON	16GPON+ 8XG(S)PON	16XG(S) PON
Uplink	1GE	10GE	10GE*2	25GE*2	25GE*4
Users	512	1024	2048	4096	4096
User Bandwidth	20M	50M	100M	100~1000M	1G+

High Density in 1RU Size

Maximize Cost-Efficiency with 32-Port 1RU Innovation.

Tailor Your Network with FD1700S

Invest as you grow, choosing the right combination of slots to meet your current needs while keeping room for expansion.

Integrated Management System

Easy Deployment with One-Click Configuration

Simplify network management with CMS and OLT WEB for seamless control, efficient operations, and live monitoring, and remote troubleshooting.

Product Specifications

Business Capabilities	Layer 2 Switching Function: MAC, 4094 VLAN, ACL, QOS, IPV6, RSTP/MSTP, Static/Dynamic LACP, IGMP snooping, IGMP V1/V2/V3		
	Layer 3 Switching Function: OSPF/RIP route, Static routing, DHCP server/DHCP relay/DHCP snooping, ARP proxy		
PON Port Attribute	Light transmission power: Class B+: +1.5~+5dBm; Class C+: +3~+7dBm	PON Port Max Splitting Ratio	GPON: 1:128 XG(S)PON: 1:256
	Receiving sensitivity: Class B+: -28dBm; Class C+: -30dBm	Storage Temperature	-40~85ºC
	Saturation power: Class B+: -8dBm; Class C+: -12dBm	Power Supply	AC: 100V~240V DC: -40V~-72V

Ordering Information

Product Model	Specifications		
FD1700S	Optional uplink port: 4*1G(SFP)/10G SFP+/4*10G(SFP+)/25G(SFP28)		
Optional PON Port Card (FD1700S Supports Up to 2 Hot-Pluggable Cards)			
Product Model	FD7041T	FD7081T	FD7161T	FD8081T
Specifications	4*GPON	8*GPON	16*GPON	8*XG(S)PON