



C-Data Expandable GPON OLT

Scale Effortlessly, Deliver Excellence



High Bandwidth



Easy Management

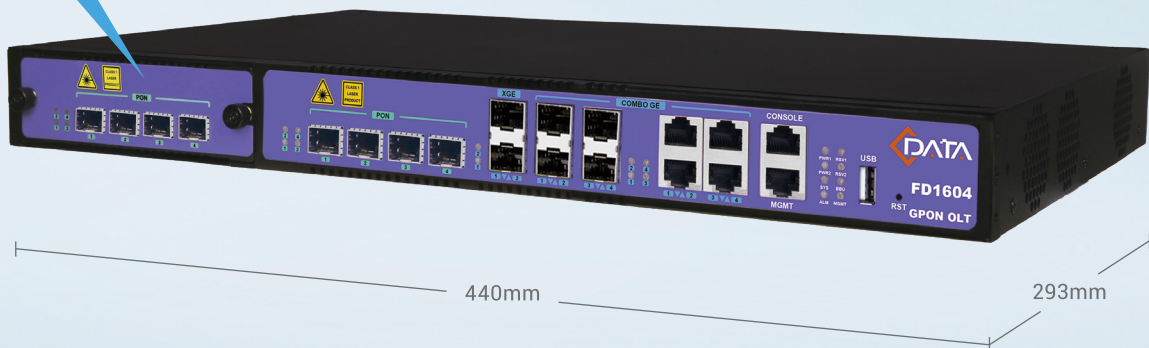


10GE Uplink Ports



Enhanced Flexibility

Optional Hot-Pluggable
4-GPON Port Card



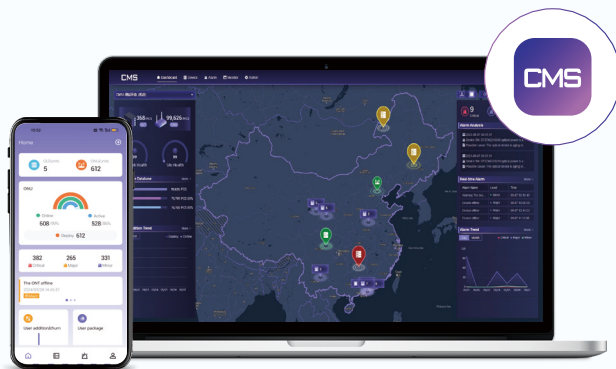
8*GPON Ports + 2*10GE + 4*GE Combo (SFP/RJ45) Uplinks

(4 Built-in GPON Ports + Optional 4-Port GPON Expansion Card)

FD1604E-C1

Integrated Management System

Use **C-Data CMS** and **OLT Web** for intelligent management, enhancing efficiency and reducing O&M costs.



- CMS provides **real-time monitoring and alarms** and enables **one-click** operations for troubleshooting.
- Support management of third-party ONUs.



- The OLT Web management system **intuitively displays** the number of connected ONUs per PON port, offering status tracking and detailed insights of each ONU.

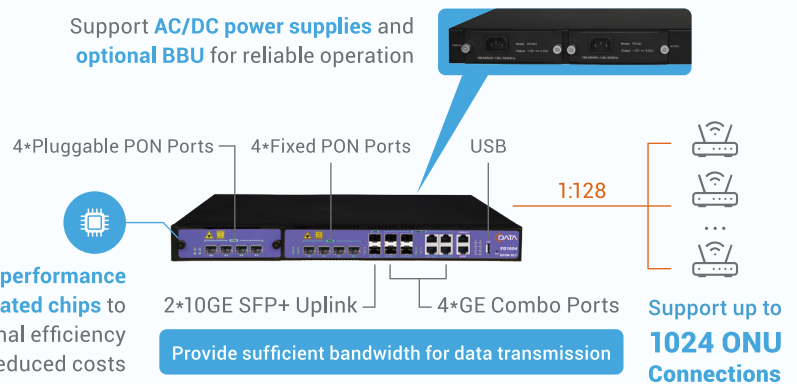
Flexible Expansion for Future Growth

Feature 4 fixed GPON ports and an optional hot-pluggable 4-GPON port card, allowing seamless expansion for growing network demands.

Performance Meets Value

Deliver both exceptional performance and high value, achieving greater stability with less power consumption.

Utilize **high-performance dedicated chips** to achieve optimal efficiency at reduced costs



Product Specification

Business Capabilities	Layer 2 switching configuration management: Like port management, VLAN, RSTP, IGMP, ACL, QoS and so on
	Layer 3 function: support static routing, dhcp-relay and vlanif configuration
PON Port Attribute	Light Transmission Power: Class B+: +1.5 ~+5dBm, Class C+: +3 ~ +7dBm, Class C++: +4.5 ~ +10dBm
	Receiving Sensitivity: Class B+: -28dBm, Class C+: -30dBm, Class C++: -31dBm
	Saturation Power: Class B+: -8dBm, Class C+: -12dBm, Class C++: -10dBm

Ordering Information

Product Model	Specification	Power Supply
FD1604E-C1	4*GPON + 2*10GE + 4*GE Combo Ports	AC: 100V~240V, DC: -40V~-72V Optional BBU
FD6041T	Optional 4*GPON port card (only compatible with FD1604E)	