

HARDWARE FEATURES	
Interface	<p>2× Service Boards up to 32× GPON Ports or 32× XGS-PON & GPON Combo Ports*</p> <p>Dual Main Control Unit: Each with 6× 10G SFP+ 1× 1000M RJ45 Port 1× RJ45 Console Port 1× RJ45 Management Port 1× Alarm Port</p>
Button	Reset Button
Power Supply	<p>Dual Power Supply, AC+DC AC: 100V~240V, 50/60Hz DC: -38.4V~-57.6V</p>
Power Consumption	2× DS-MCUA + 2× DS-LGPA-16 + DS-PSUA + DS-FANA: Max 262W
Dimensions (W x D x H)	<p>Without angle iron and fiber manager: 443 × 271.3 × 88 mm</p> <p>With angle iron, without fiber manager: 446 × 271.3 × 88 mm (excluding angle iron mounting ears) 483 × 271.3 × 88 mm (including angle iron mounting ears)</p> <p>With angle iron and fiber manager: 447.2 × 271.3 × 88 mm (excluding angle iron mounting ears) 484.2 × 271.3 × 88mm (including angle iron mounting ears)</p>

SOFTWARE FEATURES	
Security	ACL
DHCP	DHCP Server DHCP Relay
OMCI	Standard OMCI Management Supported
ONU Authentication	ONU Auto Authentication
ONU Security	Rouge ONU Detection and Isolation
Multi-Service	Multi-Service Traffic Identify and Rate Limit
QoS	IEEE 802.1p/DSCP QoS Voice VLAN Auto VoIP
Routing	Static Routing
Multicast	IGMP Snooping MLD Snooping
Centralized Management	Large-Scale Devices Management OLT Batch Configure, Upgrade, Reboot Multi-Site Management Intelligent Network Monitoring Real-time Network Overview

GPON PORT ATTRIBUTE	
Max. Splitting Ratio	1:128 for GPON, 1:256 for XGS-PON
Transmission distance	20 km
Data rate	<p>GPON Downstream: 2.5 Gbps, Upstream: 1.25 Gbps</p> <p>XGS-PON Downstream: 9.953 Gbps, Upstream: 9.953 Gbps</p>
Wavelength	<p>Tx: 1490 nm</p> <p>Rx: 1310 nm</p>
Interface type	SC/UPC
Fiber type	9/125μm SMF (Single Mode Fiber)
Tx power	Class C+

OTHERS	
Certification	CE,FCC
Package Contents	Chassis Optical Line Terminal DS-P8000-X2 1× AC Power Cord 1× DC Power Cord, 1× Console Cable Installation Guide Fiber Manager and Ground Wire Mounting Brackets, Screws and Rubber Feet ESD-Preventive Wrist Wrap
Environment	Operating Temperature: 0°C–50°C (32°F–122°F) Storage Temperature: -40°C–70°C (-40°F–158°F) Operating Humidity: 10%–90% non-condensing Storage Humidity: 5%–90% non-condensing