

AN6000-7 Datasheet

Get a Quote

Overview

AN6000-7 is the next generation OLT platform which has ultra broadband access capability for PON smooth evolution. It is a carrier-class optical line equipment which can be applied to access scenarios for moderate subscription density. Its distributed architecture design can support high density GPON, XG(S)-PON, XG(S)-PON Combo, TWDM-PON, WDM-PON and P2P card, it will bring about higher bandwidth and Medium capacity for access network. This can help save the deployment cost of telecom operator and brings them more profit.

Product Details

AN6000-7 provides these key features and benefits:

Reliable Hardware Design

- Mounted in standard 21" or 19" anti-dust cabinet Supporting indoor or outdoor deployment.
- Environmentally-friendly design Low power consumption and recyclable materials.
- Help reduce equipment power consumption and noise emission.

High Overall Performance

- Tbps level switching capacity and 4*10GE/GE uplink ports integrated in core & control card, -8*10GE/GE or 1*100GE per independent uplink card.
- Supporting type B/C protection switching in PON port and LACP/MSTP/ERPS protocol in network side to ensure network reliability.
- Capability of supporting split-ratio up to 1:128/1:256 long haul transmission and CLASS B+/C+/C++/N1 optical modules.
- ISSU function guarantees the service will not be interrupted during the upgrade.
- Time and clock synchronization, support SyncE,1588v2 and 1PPS+ToD.
- Support SDN/NFV architecture, facing the cloud network.
- Support L3 protocols OSPF, BGP, IS-IS, etc, and MPLS.
- Distributed architecture design.

Integrated access of Multiple PON Technology

- Smooth evolution to NG-PON. Integrating TWDM-PON and WDM-PON technology in one chassis, co-existent with existing ODN network.
- Carrier-class PON platform with high density access, up to 112 GPON, XG(S)-PON, XG(S)-PON combo ports per chassis.

Compare to Similar Items

Table 1 shows the comparison.

Type	AN6000-2	AN6000-7	AN6000-15
Dimensions of the subrack H/W/D	44.4mm*443mm*220mm (without mounting ears)	266mm x 480mm x 254mm	486 mm x 480 mm x 282 mm
Power	DC voltage range: -38.4V DC to -57.6V DC AC voltage range: 90V AC to 290V AC	DC voltage rang: -48V	DC voltage rang: -48V
User side interfaces	GPON	GPON/XG(S)-PON/XG(S) Combo/TWDM-PON/WDM- PON/P2P	GPON/XG(S)-PON/XG(S) Combo/TWDM-PON/WDM- PON/P2P

Get More Information

Do you have any question about the AN6000-7?

Contact us now via [Live Chat](#) or sales@router-switch.com.

Specification

AN6000-7 Specification	
Dimensions of the subrack H/W/D	266mm x 480mm x 254mm
User-side Interface	GPON/XG(S)-PON/XG(S) Combo/TWDM-PON/WDM-PON/P2P
Power Supply	DC -48V
Service Slots	7

Want to Buy

Order Now

Get a Quote

Why Router-switch.com

As a leading network hardware supplier, Router-switch.com focuses on original new ICT equipment of [Cisco](#), [Huawei](#), [HPE](#), [Dell](#), [Hikvision](#), [Juniper](#), [Fortinet](#), etc.



200+

Countries we Sold



18,000+

Customers Trusted



\$20,000,000

Inventory Available



50%-98%

Off Global List Price



100%

Safe Online Shopping

Contact Us

- Tel: +1-626-655-0998 (USA) +852-3050-1066 / +852-3174-6166
- Fax: +852-3050-1066 (Hong Kong)
- Email: sales@router-switch.com