ComX Computers
Product Specification Sheet

V1600G0-B

VSOL 4 port GPON OLT

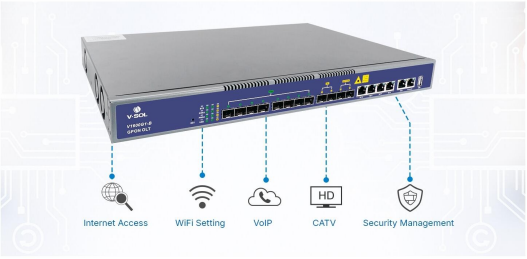
Product Overview

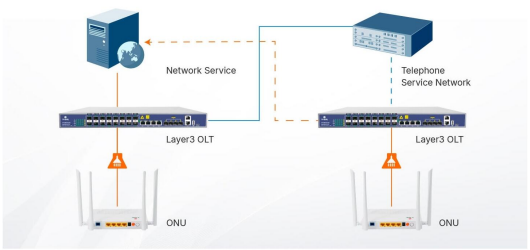
VSOL 4 port GPON OLT, V1600G0-B, Single AC PSU included, 2 Power slots, 4x GPON Ports, 2x Gigabit RJ45 Ports, 2x SFP+ (10GE) Ports











Specifications

Overview Summary:

The VSOL V1600G0-B 4 Port GPON OLT is an essential solution for building efficient Fibre-to-the-Home (FTTH) and Fibre-to-the-Business (FTTB) networks. Compact and easy to deploy, it supports up to 512 subscribers with its 1:128 splitting ratio. The device features versatile connectivity with 2 Gigabit Ethernet ports and 2 high-speed SFP+ (10GE) ports, ensuring fast and reliable data transmission. With Layer 2 switching capabilities and flexible management options like WEB, CLI, Telnet, and SNMP, it's an ideal choice for service providers looking for a powerful, secure, and low-maintenance solution. Buy now to streamline your fibre network setup.

Performance tier: High-performance, versatile OLT for ISPs and enterprises

Uses:FTTH deployments, FTTB deployments, enterprise network integration, broadband services management, scalable internet service provider applications

Overview:

VSOL 4 Port GPON OLT V1600G0-B: High-Performance Fibre Network Solution
The VSOL V1600G0-B is a compact, high-performance Optical Line Terminal (OLT) designed to efficiently support Fibre-to-the-Home (FTTH) and Fibre-to-the-Business (FTTB) deployments. With four dedicated GPON ports, it ensures robust connectivity and scalable performance, catering to both residential and business needs. This device is ideal for internet service providers and enterprise networks that require reliable, flexible, and cost-effective solutions for fibre optic infrastructure.

Description:

The VSOL V1600G0-B offers a robust design that supports up to 512 subscribers (ONUs) with a 1:128 GPON splitting ratio. It features multiple uplink ports, including Gigabit Ethernet (RJ45), SFP (GE), and SFP+ (10GE), providing flexibility for various network configurations. The device supports advanced Layer 2 switching and integrates with a variety of management protocols, including WEB, CLI, Telnet, and SNMP. With a focus on ease of deployment, the V1600G0-B allows plug-and-play installation and simple configuration, making it an excellent choice for both FTTH and FTTB installations.

Features:

Key Benefits of the VSOL V1600G0-B GPON OLT

- Scalable Performance: Supports up to 512 subscribers with a 1:128 splitting ratio, ideal for high-density environments.
- Multiple Uplink Ports: Features four Gigabit Ethernet ports, two SFP (GE) ports, and two SFP+ (10GE) ports for versatile connectivity.
- Layer 2 and Layer 3 Switching: Equipped with advanced switching capabilities, including Layer 3 dynamic routing protocols (RIP/OSPF) for seamless data transmission.
- User-Friendly Configuration: Supports plug-and-play deployment with template configuration, making setup quick and straightforward.
- Robust Security Features: : Built-in firewall protection ensures that your network is secure from external threats, keeping data safe.
- Comprehensive Network Management: Supports management through WEB, CLI, Telnet, and SNMP, providing flexible options for network monitoring and control.

Versatile Deployment for FTTH and FTTB Networks
Designed for flexibility, the VSOL V1600G0-B is perfect for both Fibre-to-the-Home (FTTH) and Fibre-to-the-Business (FTTB) deployments. Whether you're building a high-speed residential network or a reliable business solution, this OLT offers the necessary performance and scalability.

Quick Deployment and Ease of Use
The V1600G0-B is designed with simplicity in mind. The plug-and-play feature, combined with a template-based configuration, allows for quick and easy setup, reducing the complexity typically associated with OLT installations. This makes it a cost-effective choice for service providers looking to streamline their network setup and reduce operational overhead.

Comprehensive Service Management and Security
The device comes equipped with advanced security protections, including a flexible firewall that resists various types of cyberattacks. In addition, it offers full-service management, allowing providers to monitor and manage their network efficiently. Whether you're managing a small-scale deployment or a large network, the V1600G0-B is a reliable solution that ensures optimal performance and security.

Optimized for Various Network Environments
With its versatile design and high-performance capabilities, the VSOL V1600G0-B is suitable for a range of network applications. Whether you're setting up a residential FTTH service or a more demanding FTTB solution, the V1600G0-B meets the needs of both small and large-scale deployments.

Conclusion
The VSOL V1600G0-B 4 Port GPON OLT is a powerful, flexible, and secure solution for building Fibre-to-the-Home and Fibre-to-the-Business networks. With its scalable performance, easy deployment, and advanced management capabilities, it's an ideal choice for internet service providers and enterprise network deployments looking to upgrade or expand their fibre infrastructure.

Specifications:

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Specifications	
Product Code	V1600G0-B
Item	V1600G0-B
Chassis(Rack)	1U 19 inch standard box
Uplink Port	
QTY	4
RJ45	2
SFP (1GE)	/
SFP+ (10GE)	2
EPON	
QTY	4
Port	
Physical Interface	SFP Slots
Max splitting ratio	1:128
Backplane Bandwidth (Gbps)	104
Port Forwarding Rate (Mpps)	47.616
Dimension (LxWxH)	442*230*43.6mm

Weight	2.95kg
Power Consumption	35W
Power Supply	
AC	Working Voltage Range: 100~240V, Rated Voltage: 110V/220V
DC	Working Voltage Range: -36~-75V, Rated Voltage: -48V/-60V
Operating	
Working Temperature	-20 ~ +60degreesC
Environment	
Storage Temperature	-40 ~ +70degreesC
Relative Humidity	5 ~ 95% (non-condensing)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/V1600G0-B-VSOL-4-port-GPON-OLT-p-332255.php

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