**ComX Computers**
Product Specification Sheet

# V1600G0-B

V-sol V1600G0-B 4 port GPON Optical line Terminal

## Product Overview

V-sol V1600G0-B 4 port GPON Optical line Terminal, 10Gbps SFP+ Uplink, 2x RJ45, 2x SFP+ (10GE), 4x EPON Port (SFP slots)





## Specifications

### Overview Summary:

The V-Sol V1600G0-B 4 Port GPON Optical Line Terminal offers reliable, high-speed fiber connectivity ideal for South African enterprises, ISPs, and municipal networks. Its compact 1U design, energy-efficient 35W power consumption, and advanced Layer 3 routing make it perfect for FTTx, FTTH, and FTTM deployments. Shop now to boost network performance with 10Gbps uplink speeds and multi-user GPON support.

This OLT is easy to deploy with template-based configuration and Cloud EMS monitoring for centralized management. Buy now to implement a secure, scalable, and future-ready network solution for commercial or residential broadband needs.

**Performance tier:**Enterprise/High-performance

**Uses:**FTTx, FTTH, FTTM, broadband connectivity, industrial networks, commercial buildings, municipal networks

### Overview:

**V-Sol V1600G0-B 4 Port GPON Optical Line Terminal for High-Speed Fiber Networks**
The V-Sol V1600G0-B 4 Port GPON Optical Line Terminal (OLT) delivers reliable, high-performance broadband connectivity in a compact pizza-box design. Ideal for FTTx, FTTH, and FTTM deployments, it is suitable for remote areas, industrial parks, commercial buildings, and municipal networks. With support for up to a 1:128 split ratio per port, this OLT provides efficient multi-user connections while keeping operational costs low.

### Description

The V1600G0-B offers 10Gbps SFP+ uplink ports, IPv4/IPv6 dual-stack support, Layer 3 dynamic routing (RIP/OSPF), and a policy-based firewall. Cloud EMS compatibility allows centralized monitoring and maintenance, while its low 35W power consumption and 1U compact form factor make it eco-friendly and space-saving. This OLT is a scalable and secure solution

for ISPs, enterprises, and smart city broadband projects.

## Features:

**Reliable High-Speed Connectivity for Multiple Users**
Designed for high-demand networking environments, the V-Sol V1600G0-B supports a 1:128 split ratio per GPON port. Its 10Gbps SFP+ uplinks ensure ultra-fast backbone connections, making it perfect for enterprise networks, residential broadband, and industrial deployments.

**Advanced Routing and Network Security**
With Layer 3 routing protocols including RIP and OSPF, the V1600G0-B provides intelligent, stable data routing. IPv4/IPv6 dual-stack support ensures compatibility with current and future network requirements. A flexible policy-based firewall safeguards your network against cyber threats, keeping connections secure for all users.

**Simplified Deployment and Centralized Management**
The device supports template-based configuration and plug-and-play setup for fast, zero-threshold deployment. Cloud EMS allows operators to manage, monitor, and maintain the network remotely, reducing operational complexity and costs.

**Compact Design with Powerful Performance**
The 1U rackmount design optimizes cabinet space while delivering 104Gbps backplane bandwidth and a port forwarding rate of up to 47.616Mpps. Despite its powerful performance, the V1600G0-B operates efficiently at just 35W, combining high-speed data handling with energy savings.

## Included in the Package

- V-Sol V1600G0-B 4 Port GPON Optical Line Terminal x1

## Key Advantages for Service Providers and Enterprises

- Four-port GPON OLT supporting multi-user fiber networks
- 10Gbps SFP+ uplink for ultra-fast connectivity
- Layer 3 routing with RIP and OSPF for stable data transmission
- IPv4/IPv6 dual-stack for future-ready networking
- Centralized Cloud EMS monitoring and management
- Compact pizza-box design that saves rack space
- Eco-friendly low power consumption

## Specifications:

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| Specifications | |
|---|---|
| **Product Code** | V1600G0-B |
| **Rack** | 1U 19 inch standard box |
| **Uplink Port** | |
| **QTY** | 4 |
| **RJ45** | 2 |
| **SFP+ (10GE)** | 2 |

| EPON Port Specification | |
|---|---|
| **QTY** | 4 |
| **Physical Interface** | SFP Slots |
| **Max splitting ratio** | 1:128 |
| **Backplane Bandwidth** | 104Gbps |
| **Port Forwarding Rate** | 47.616Mpps |
| **Power Consumption** | 35W |
| **Power Supply** | |
| **AC Power Adapter** | Working Voltage Range: 100~240V , Rated Voltage: 110V/220V |
| **DC Power Adapter** | Working Voltage Range: -36~-75V , Rated Voltage: -48V / -60V |
| **Operating Environment** | |
| **Working Temperature** | -20 ~ +60degreesC |
| **Storage Temperature** | -40 ~ +70degreesC |
| **Relative Humidity** | 5 ~ 95% (non-condensing) |
| **Product Dimensions** | 44.2 x 23 x 4.3 cm |
| **Product Weight** | 2950 g |

## 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-V-sol-V1600G0-B-4-port-GPON-Optical-line-Terminal-p-326938.php**

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