ComX Computers
Product Specification Sheet

UF-OLT-4

Ubiquiti U Fiber - 4 Port OLT Optical Line Terminal

Product Overview

Ubiquiti U Fiber - 4 Port OLT Optical Line Terminal, 4 Gigabit Passive Optical Network Ports, Supports up to 512 Clients (128 per PON Port), One 1G/10G SFP+ Ethernet Ports











Specifications

Overview Summary:

The Ubiquiti UFiber OLT is a cutting-edge 4-Port Optical Line Terminal designed to provide reliable and scalable connectivity for fiber-optic networks. It supports up to 512 clients (128 per PON port), ensuring that both small and large deployments run smoothly. With its easy setup process, flexible management options, and high-speed 1G/10G Ethernet port, it's an ideal choice for businesses seeking to simplify their fiber network infrastructure. Whether you're expanding an existing network or setting up a new one, the UFiber OLT provides everything you need. Buy now and enhance your network's performance.

Performance tier: High-performance

Uses:GPON network management, fiber-optic connectivity, 1G/10G Ethernet deployment, client support, scalable fiber-optic networks

Overview:

4-Port Optical Line Terminal
The UFiber OLT 4 brings a revolutionary change to fiber network setup. This user-friendly Optical Line Terminal (OLT) allows seamless installation with no need for complex configurations or professional support. Whether you're setting up a small network or managing a large-scale deployment, this system ensures simplicity, reliability, and high performance.

Description:

The Ubiquiti UFiber OLT 4 is designed to simplify the process of configuring and managing fiber optic networks. With four gigabit Passive Optical Network (PON) ports, this terminal supports up to 512 clients, with 128 clients per port. It provides high-speed data transmission rates of up to 2.488 Gbps for upload and 1.244 Gbps for download. The UFiber OLT 4 is equipped with both 1G/10G SFP+ Ethernet ports for versatile connectivity and offers robust Layer 2/3 management features for easy integration into your network infrastructure. Additional management options include a dedicated console serial port, Ethernet management port, and a flexible 24V DC input for redundancy or standalone use.

Features:

Efficient and Scalable Fiber Network Solution
The UFiber OLT 4 simplifies the deployment of fiber optic networks, with the capacity to support up to 512 clients across its four PON ports. This makes it a perfect solution for both residential and enterprise-level networking needs.

High-Speed Connectivity for Demanding Applications
Enjoy blazing-fast data transmission with speeds of up to 2.488 Gbps in upload and 1.244 Gbps in download. The 1G/10G SFP+ Ethernet ports ensure future-proof connectivity for high-demand applications.

Flexible Management Options
Manage and monitor your network effortlessly with the built-in Layer 2/3 management features. The console serial port and Ethernet management port provide flexibility, whether you're handling the network remotely or on-site.

Redundant and Reliable Power Supply
With a 24V DC input option, the UFiber OLT 4 offers redundant power options for enhanced reliability. This ensures uninterrupted service in case of power disruptions, making it ideal for critical network setups.

Versatile and Easy to Use
Designed for simplicity, the UFiber OLT 4 eliminates the need for complex command line configurations and costly support

licenses. Whether you're a network professional or just starting, this solution makes fiber network management straightforward and accessible.

Reliable Performance and Scalability
This Optical Line Terminal ensures robust performance with minimal downtime, offering a scalable solution for growing network needs. Its capacity to handle 512 clients means it can easily grow with your business or residential setup.

With the UFiber OLT 4, setting up and managing a fiber network has never been easier or more efficient.

Specifications:

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Specifications	
Product Code	UF-OLT-4
Dimensions	299.8 X 258.95 X 42.55 mm
Weight	1930g (without hangers)
	2130g (with hangers)
Enclosure Characteristics	SGCC steel
HARDWARE	
Processor	MIPS 1004Kc 880 Mhz dual core
Memory	512 Mbyte DDR3, 512M Byte NAND
Management Interface	(1) Ethernet out-of-band management
	(1) Ethernet in-band management
	(1) RJ45 Serial Console Port
Networking Interface	(4) GPON OLT SFP
	(1) 10 Gbps SFP+
Buttons	(1) Reset, Press 5 seconds - Reset to default
LEDs/Display	(1) Power: Blue/White
	Blinking Blue: reset to default
	Steady Blue: system is booting
	Steady White: service is ready
	(4) GPON OLT SFP
	Steady/Blinking white : GPON link/activity
	(1) SFP+ Ethernet: White(10G) Green(1G), steady on after link is up, blinking while activity
	(1) Ethernet RJ45 Out-of-band Management: Green(1G), steady on after link is up, blinking while activity
Power Method	100-240VAC/50-60 Hz universal input / 25VDC
Power Supply	AC/DC internal 56W DC / DC barrel jack connector
Supported Voltage Range	AC input: 100 to 240 VAC / 25 to 16VDC

Max. Power Consumption	35W (Excluding SFP modules)
Operating Temperature	-10 to 45degreesC (14 to 113degreesF)
Operating Humidity	10% to 90% Non-Condensing
SOFTWARE	
Mode	OLT 2/3 Ethertnet Switch and GPON Core
Advanced QoS	Support 8 priority queues per user port and traffic classification
Concurrent Clients	512 ONUs/ONTs registered
Ubiquiti Specific Features	UBNT Discovery and UBNT mcagent
Minimum Software Requirements	Any Modern Web Browser

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/UF-OLT-4-Ubiquiti-U-Fiber-4-Port-OLT-Optical-Line-Terminal-p-332136.php

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