

TND-TES7008

Tenda TES7008 GPON 8-port OLT for FTTX

Product Overview

Tenda TES7008 GPON 8-port OLT for FTTX, 4x 10/100/1000m auto-negotiation Ethernet ports, 4x SFP interfaces, 2x SFP+ interfaces, 8 PON Port quantity



Specifications

Overview:

TES7008 / Broadband CPE / 8 PORT GPON OLT

GPON OLT TES7008 completely meet relative standard of ITU G.984.x and FSAN, which is 1U rack-mounted device with 1 USB interface, 4 uplink GE ports, 4 uplink optical ports, 2 10-gigabit uplink ports and 8 GPON ports, each GPON port supports the splitting ratio of 1:128 and provides downstream bandwidth of 2.5Gbps and upstream bandwidth of 1.25Gbps, system support 1024 GPON terminals accessing in for the most.

Features:

What it does

TES7008 is a terminal device that meets maximum 1024 GPON ONT access, follows ITU G.984.x standard, and is compatible with ITU-T G.984.4/G.988 OMCI protocol also. TES7008 can provide 1*USB interface, 4*uplink GE ports, 4*uplink optical ports, 2*10-gigabit uplink ports, and 8*GPON ports (splitting ratio of 1:128 and provide downstream bandwidth of 2.5Gbps and upstream bandwidth of 1.25Gbps for each port). Adapt various scenarios such as residential areas, office buildings, urban or rural network construction, video surveillance and so on.

- Large capacity for ONTs deployment: Provide 8 PON ports, maximum support 1024 ONT terminals.
- High bandwidth uplink ports: 4 *Gigabit Ethernet uplink ports, 4 *Gigabit optical ports and 2* 10-Gigabit uplink ports.
- Easy to manage, support CLI, SNMP, TELNET, SSH, WEB Interface Management.
- Desktop design, flexible deployment.
- Support dual power input.
- Support QoS feature.
- Support 3-Layer Switching.

Specifications:

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Specifications

Product Code	TND-TES7008
Type	1U19-inch standard box
Uplink Port Quantity	10
Uplink Port Copper	4 10/100/1000M auto-negotiation Ethernet ports
Optical interface	4 SFP interfaces
10-Gigabit	2 SFP +interfaces
PON Port Quantity	8
Physical Interfaces	SFP slot
Max splitting ratio	1/128
USB Port	1 Type-C interface (Similar to the CONSOLE port function, used for serial port login)
Management Port	1 100/1000BASE-Tx out-band Ethernet port
	1 CONSOLE local management port
Transmission Distance	20KM
Port rate	Downstream: 2.5Gbps Upstream: 1.25Gbps

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Product Specification Sheet

Interface type	SC/UPC
Fiber type	9/125um SMF(Single Mode Fiber)
Light transmission power	ClassB+ +1.5~+5dBm/ClassC+ +3~+7dBm
Saturation power	ClassB+ -8dBm/ClassC+ -12dBm
Wave Length	Forwarding:1490nm Receiving:1310nm
Reception Sensitivity	ClassB+ -28dBm/ClassC+ -30dBm
Business capabilities	Support device log, device upgrade, device management, condition monitoring, configuration management, and user managementLayer2 switching configuration management:Like port management, VLAN, RSTP, IGMP, ACL, QOS and so on.
	PON functionconfiguration management:Like OLT authentication, DBA template, service template, line template and so on.
	Layer3 function:support static router, dhcp-client, dhcp-relay and vlanif configuration
Network management method	Support CLI, SNMP, TELNET, SSH, WEB
Environment	Working temperature:0~50 degreesC
	Storage temperature:-40~85 degreesC
	Relativehumidity:5~90%
Backbound Bandwidth	86G
Size	440mm(L)*296mm(W)*44mm(H)
Weight	4.50kg
Power Supply	AC:220V, AC:100V~240V, 47~63Hz
	DC:-48V, DC:-36V~-72V
Maximum Power	58W

Product Information Online

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

Product page: <https://www.comx.co.za/TND-TES7008-Tenda-TES7008-GPON-8-port-OLT-for-FTTX-Buy-p-323831.php>

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