



GPON ONU GPNF14 combination of Data ONU + WIFI , which is mainly designed for Operator and fully complies with ITU-T 984 standards.

FEATURE

- Transmission rate: downstream 2.5 Gbps, upstream 1.25 Gbps· Support OLT configure the ONU WAN interface
- Powerful wireless WIFI coverage. Support 802.11AC dual-band WiFi with high-performance data forwarding. External 2x2 MIMO (2.4G & 5G) antenna, Gain 5dBi, multi-SSID and WPS.
- QoS guarantees for Ethernet services, support for SLAs and DBAs
- Support IGMP multicast and effectively use broadband.
- Provide 4 GE thernet ports to support port isolation.
- Support Ethernet loop detection, automatically determine whether there is Ethernet loop blocking on the network connected to the device, and automatically recover when the loop disappears.
- Support VLAN function, support VLAN tag, transparent, etc.
- Rich OAM function design, including configuration, alarm, performance monitoring, fault isolation and security management, providing remote management through OLT and local console management.
- Low power consumption <7W.

Parameter	Specifications	
GPON Interface	QTY	1
	Physical Interface	Fiber 1 Input: SC/UPC
	BOSA Type	Class B+
Ethernet Interface	Interface Data Rate	4x10/100/1000M auto-negotiation
	Connector Type	RJ45
Wireless Interface	Protocol	IEEE802.11b/g/n/ac, 300Mbps,+786Mbps Quad Antenna: 5dBi

	Operating Mode	Router & Bridge
Management	SNMP(OMS), Web GUI, CLI, OMCI, TR069	
Standard	ITU-T G.984.x, ITU-T G.988	
Network Capability	Support VLAN TAG/UNTAG 802.1Q	
	Support IGMP v1 / v2 / v3	
	Support L2/L3 the wire speed forwarding	
	Support IEEE 802.1p standard	
	Support GEM/WIFI speed limitation	
	Support WAN configuration based on CLI	
	MAC address table:1024	
Dimension	210*180*28mm or 185*150*42mm,	
Operating temperature	0~50 °C	
Storage temperature	-30~60 °C	
Environmental humidity	10% to 90%, non-condensing	
Power Consumption	<7W	
Power Supply	External 12V DC/ 1A	