

ZISA OP156-AC

4GE 11ac WIFI VOIP GPON HGU



Description

OP156-AC GPON ONT is a new terminal level GPON ONT, which is a variety of FTTB \ FTTH \ FTTO accessing ONT published by ZISA for carrier-grade FTTH network applications. It can support pure data, Data +Voice, Data+ Voice+ WIFI and many other service accessing type. OP156-AC ONT supports standard OMCI, can provide up to 1.25Gbps uplink and 2.5Gbps downlink high-speed transfer rate. It can fully meet carrier-grade FTTB\FTTH\FTTO equipment needs, working with our NGBN unified network management system. The full functionality of OP156-AC can support.

Specifications

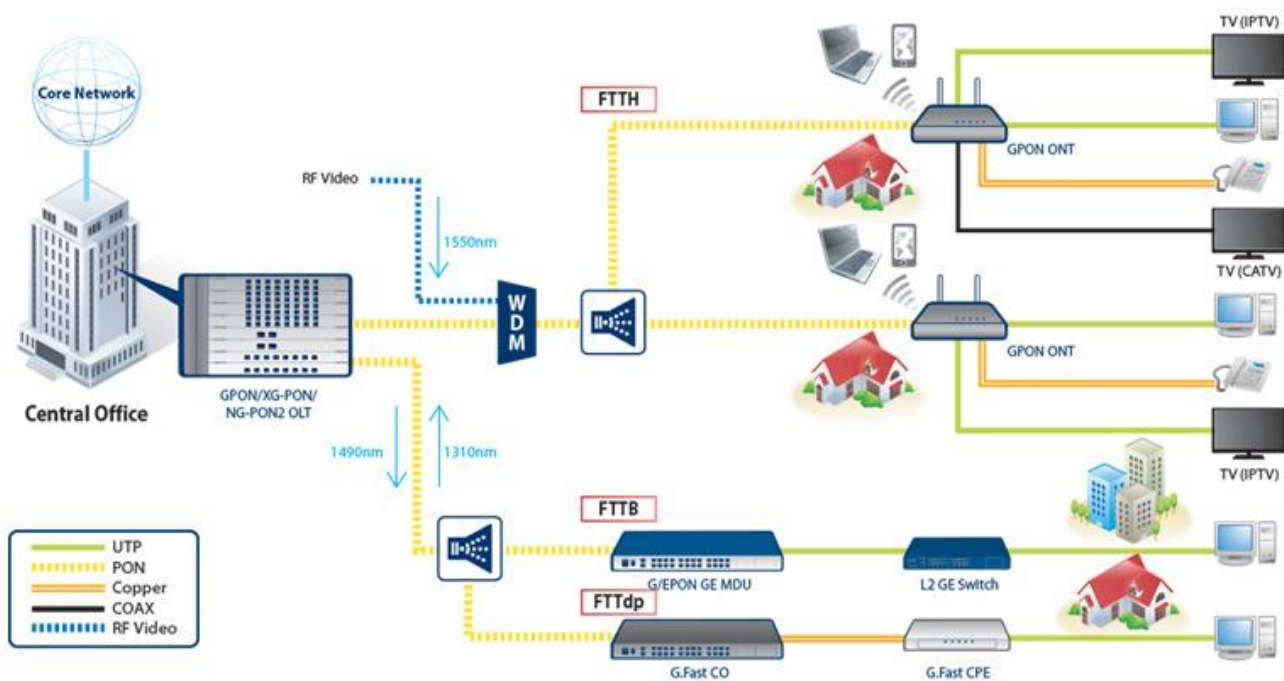
- GPON WAN port with 1.244Gbps uplink / 2.488Gbps downlink link speed
- Active Ethernet WAN port with 1.25Gbps bi-direction link speed
- 4x 10/100/1000BASE-T Ethernet RJ45 Ports
- Support 802.11n 2T2R speed up to 300Mbps
- Support 802.11ac 3T3R speed up to 1.2Gbps
- 2x FXS RJ11 ports for Voice service
- 2x USB ports in host or device mode
- DC 12V adaptor, max 1.5A current
- -5 to 45°C operating ambient temperature

Performance

Attributes	OP156-AC	
Hardware	BCM68380I+BCM43602+BCM43217	
Power supply	12V DC,2.5A	
Power consumption (full loaded)	≤24W	
Weight (in maximum configuration)	≤0.6kg	
Environmental requirements	Working temperature : -5 °C~45 °C Storage temperature : -40°C~60°C Working humidity : 5%~95% Storage temperature : 5%~95% no condensing	
Ethernet	Standard	IEEE802.3 IEEE802.3au IEEE802.3x
	Interface	4x 10/100/1000BASE-T RJ45 Auto negotiation Auto MDI/MDIX
GPON	Speed	Downlink: 2.488Gbps Uplink: 1.244Gbps
	Connector	SC/APC, pigtail
	Standard	ITU-T G.984.2 , Class B+
	Power level	Downlink – Wavelength: 1490nm – Sensitivity: -27dBm – Saturation: -9dBm Uplink – Wavelength: 1310nm – TX power: 0.5 ~ 5dBm – RMS: 0.5nm
	Fiber	G.652 Single Mode Fiber
WIFI	wifi	TX Power (11n MCS7) : 19+2dBm EVM (11n MCS7) : < -30dB

		ThroughPut (11n HT40): $\geq 140\text{Mbps}$ TX Power (11ac MCS9): $17+2\text{dBm}$ EVM (11ac MCS9) : $< -32\text{dB}$ ThroughPut (11ac HT80) : $\geq 550\text{Mbps}$
	Antenna	2.4G antenna :4dBi 5G antenna :4.5dBi
VoIP	REN	Max 5REN
	Connector	2x RJ11
	Ringing	65V RMS ringing voltage
USB	Max 1A for each port	

Solution



■ Contact us

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Specifications are subject to change without notice.

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