GPON > ONU > Maipu PU3200-2GTAC GPON HGU

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Maipu PU3200-2GTAC GPON HGU terminal is designed for fulfilling FTTH and triple play service demand of fixed network operators. These HGU adopt mature GPON technology, providing Wi-Fi, Layer 2/3 forwarding, high quality VoIP and rich management features as well. And they are fully compliant with technical regulations such as IEEE802.3ah, ITU-T G.984.x, etc. PU3200-2GTAC provides 1*GPON Port, 2*GE Ports, 1*Voice POTS and 802.11b/g/n/ac Wi-Fi.

*(**Note:** The product information may not be latest. For the latest, please contact overseas@maipu.com)*

Product Features

Panel lights

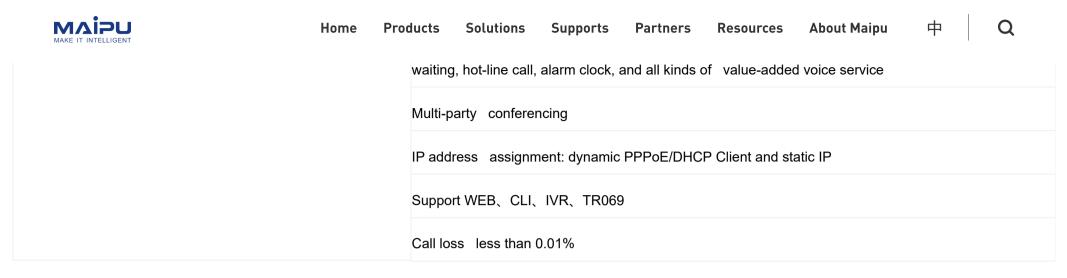| LED	ON	Blink	OFF
PWR	The device is powered up	—	The device is powered down
PON	Green is registered to the PON system	Green is registering to the PON system	Green is not registered to the PON system
LOS	Device does not receive optical signals	—	Device have received optical signals
WAN	Route WAN connect to internet.	—	Router WAN do not connect to internet.
WIFI(2.4/5.0G)	Wi-Fi turned on	Wi-Fi turn on and with ongoing data transmission	Device is power off or Wi-Fi turned off
PHONE (option)	Device has registered to the soft-switch, but without ongoing data transmission	Phone hooks off or the port is with ongoing data transmission	Device is power off or not registered to the soft-switch
LAN1～LAN2	Port is connected properly	Port is sending or/and receiving data	Port connection exception or not connected

Product Specifications

Hardware Specification	
	GPON Class B+
	Receiving sensitivity: ≤-28dBm
	Transmitting optical power: 0 ~ +4dBm
	Transmission distance: 20KM
Wavelength	Tx1310nm, Rx 1490nm
Optical interface	SC/UPC connector
LAN interface	2 x 10/100/1000Mbps auto adaptive Ethernet interfaces, Full/Half, RJ45 connector
POTS interface (option)	1 x RJ11 connectors
	Support: G.711A/G.711U/G.723/G.729 codec
	Support: T.30/T.38/G.711 Fax mode, DTMF Relay
Wi-Fi interface	Compliant with IEEE802.11b/g/n/ac

	Support MIMO, 4T4R,5dBi external antenna, rate up to 1.167Gbps
	Support: multiple SSID
	TX power: 11n--22dBm/11ac--24dBm
LED	POWER、LOS、PON、WAN、 LAN1、LAN2、2.4G、5G、PHONE
Operating condition	Temperature: 0℃～+50℃
	Humidity: 10%～90%（non-condensing）
Storing condition	Temperature: -30℃～+60℃
	Humidity: 10%～90%（non-condensing）
Power adapter	DC 12V/1.5A or DC 12V/1.0A
Power supply	≤10W
Dimension	178mm×120mm×30m(L×W×H)
Net weight	0.32Kg
Software Key Feature	
Management Mode	OAM/OMCI、Telnet、WEB、TR069
Data Service Functions	Full speed non-blocking switching

	64 full range VLAN ID
	Support QinQ VLAN, 1:1 VLAN, VLAN reusing, VLAN trunk, etc
	Integrated port monitoring, port mirroring, port rate limiting, port SLA, etc
	Support auto polarity detection of Ethernet ports (AUTO MDIX)
	Integrated IEEE802.1p QoS with four level priority queues
	Support IGMP v1/v2/v3 snooping/proxy and MLD v1/v2 snooping/proxy
	Support bridge, router and bridge/router mixed mode
Wi-Fi Service Functions	Integrated 802.11b/g/n/ac
	Authentication: WEP/WAP-PSK(TKIP)/WAP2-PSK(AES)
	Modulation type: DSSS、CCK and OFDM
	Encoding scheme: BPSK、QPSK、16QAM and 64QAM
POTS Service Function(option)	Call protocol: SIP (IMS compatible) seamless compatible with all popular call agent
	Integrate heartbeat function and support active/standby call agent
	Voice coding: ITU-T G.711/G.722/G.729, auto-negotiate with call agent
	Echo cancellation exceeding ITU-T G.165/G.168-2002, up to 128ms tail length

waiting, hot-line call, alarm clock, and all kinds of   value-added voice service

Multi-party   conferencing

IP address   assignment: dynamic PPPoE/DHCP Client and static IP

Support WEB、CLI、IVR、TR069

Call loss   less than 0.01%

Close
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Order Information

Product model	Product specification
PU3200-2GTAC	GPON HGU, 1*GPON Port,2*GE Ports,1*Voice POTS and 802.11b/g/n/ac Wi-Fi

Open
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