GPON > ONU > Maipu PU3200-1G1FTN GPON HGU

Maipu PU3200-1G1FTN GPON HGU

Maipu PU3200-1G1FTN GPON HGU 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.
PU3200-1G1FTN provides 1*GPON port,1*GE Port, 1*FE Port,1*Voice POTS and 802.11b/g/n Wi-Fi.

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

Product Features

Panel lights & Interface Description

LED	Mark	Status	Description
Power	PWR	On	Device is powered up.
		Off	Device is powered down.
Optical signal loss	LOS	Blink	Device does not receive optical signals.

Registration	REG/PON	Off	Device is not registered to the PON system.
		Blink	Device is registering.
Interface	GE、FE/ LAN1~2	On	Port is connected properly.
		Off	Port connection exception or not connected.
		Blink	Port is sending or/and receiving data.
POTS	FXS/PHONE	On	Device has registered to the soft-switch, but without ongoing data transmission.
		Off	Device is power off or not registered to the soft-switch.
		Blink	The port is with ongoing data transmission.
Wireless	Wi-Fi	On	Wi-Fi turned on.
		Off	Device is power off or Wi-Fi turned off.
		Blink	Wi-Fi data transmission.
Pair	Pair	On	WPS client is connected. (LED turn off after 5 minutes of successful connection)
		Off	Does not use WPS or WPS client is connected. (LED turn off after 5 minutes of successful connection)
		Blink	WPS client is connecting.

Port Type	Function
PON	PU3200-1G1FTN: SC/UPC type, single mode optical fiber cable PU3200-1G1FTNT: SC/APC type, single mode optical fiber cable with WDM
GE、FE	Connect device with ethernet port by RJ-45 cat5 cable.
FXS	Connect the telephone with FXS port by telephone wire.
RST	Press down reset button and keep1-5seconds to make the device restart and recover from the factory default settings.
DC12V	Connect with power adapter.
Pair	Press down Wi-Fi pair button to begin pairing.
Wi-Fi	Wi-Fi on/off.

Product Specifications

Hardware Specification	
PON interface	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	1 x 10/100/1000Mbps and 1 x 10/100Mbps auto adaptive Ethernet interfaces. Full/Half, RJ45 connector
POTS interface	1 FXS, RJ11 connectors
	Support: G.711/G.723/G.726/G.729 codec
	Support: T.30/T.38/G.711 Fax mode, DTMF Relay
	Line testing according to GR-909
Wi-Fi interface	Compliant with IEEE802.11b/g/n
	Operating frequency: 2.400-2.4835GHz
	support MIMO, rate up to 300Mbps,

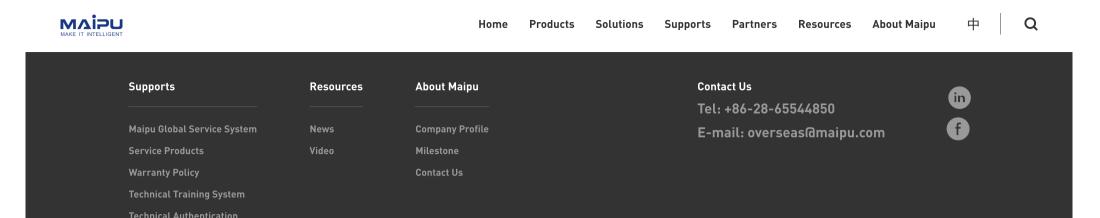|	Channel:13
	Modulation type: DSSS、CCK and OFDM
	Encoding scheme: BPSK、QPSK、16QAM and 64QAM
LED	Status of POWER, LOS, PON, LAN1, LAN2, PHONE, Pai, WiFi
Operating condition	Temperature: 0℃～+50℃
	Humidity: 10%～90%（non-condensing）
Storing	Temperature: -30℃～+60℃
condition	Humidity: 10%～90%（non-condensing）
Power supply	DC 12V/1A
Power supply	≤6W
Dimension	185mm×120mm×34mm（L×W×H）
Net weight	0.24Kg
Software Key Feature	
Software mode	Bridging and Routing Mode.
Layer2	802.1D&802.1ad bridge,802.1p Cos,802.1Q VLAN.
Layer3	IPv4, DHCP Client/Server, PPPoE, NAT, DMZ, DDNS.
Multicast	IGMPv1/v2/v3, IGMP snooping.
Security	Flow & Storm control, Loop Detection.
Wi-Fi	IEEE802.11b/g/n (TX power:17dBm/16dBm/15dBm), Up to 300Mbps

	VoIP protocol: SIP、IMS-SIP
	Voice enhancement:
	Local exchange
POTS	Dynamic voice jitter buffering
	Silence detection
	Echo offset
	Loss compensation
Firewall	Filtering Based on ACL/MAC/URL
O&M	WEB/TELNET/OAM/OMCI/TR069, Support private OAM/OMCI protocol

Close
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Order Information

Product model	Product specification
PU3200-1G1FTN	GPON HGU, 1*GPON Port, 1*GE Port, 1*FE Port,1*Voice POTS and 802.11b/g/n Wi-Fi.

Open
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Tel: +86-28-65544850

E-mail: overseas@maipu.com

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