

GPON ONU WGP3200-T-W / WGP3200-W



WGP3200 Series ONU support 1 GPON uplink fiber port, 1 or more GE/FE auto-negotiation ports, and WIFI function. It can use cooperatively with our GPON OLT and EMS network management system to provide a complete accessing solution of multiple services like broadband, voice and video for users based on GPON technology.

Parameter:

Item	Parameters	Specifications
Interface	PON port rate	Downstream : 2.488Gbps Upstream : 1.244Gbps
	Ethernet port	1GE+3FE auto-negotiation Ethernet ports. Full/half duplex mode RJ45 connector, support auto MDI/MDI-X Transmission distance :100M.
	CATV interface	1*SC/APC optical interface 1*CATV port, male RF port
	Power port	Power Adapter +12VDC power supply interface
Features	Optical connector	SC/PC single mode single fiber
	Wavelength	Transmit1310nm, receive1490nm
	Optical transmitting power	0.5~5dBm
	Receiving sensitivity	-28dBm
	Saturated optical power	-8dBm
	PON port throughput	Downstream >980Mbps, Upstream >950Mbps
	Ethernet port	1000Mbps or 100Mbps
	Packet loss rate	< 1x10E-12
Transmission delay	< 1.5ms	
WIFI index Encryption mode	Operating mode	Route and bridge modes, support multiple SSIDs (up to 4), dual antennas
	Physical rate	IEEE802.11n: 300Mbps
	Frequency Range	2.412 ~ 2.472GHz



TECHNICAL SPECIFICATIONS



	Channel	13 channels, configurable to US, Canada, Europe, Japan, Chinese standards
	Modulation	DSSS , CCKandOFDM
	Coding scheme	BPSK, QPSK, 16QAM, 64QAM
	Receiving sensitivity	802.11b: -97dBm@1Mbps, -94dBm@2Mbps, -92dBm@5.5Mbps, -90dBm @11Mbps
		802.11g:-94dBm@6Mbps, -92dBm@9Mbps,-91dBm@12Mbps, -89dBm@18Mbps, -85dBm@24Mbps, -82dBm@36Mbps, -77dBm@48Mbps,-75dBm@54Mbps
		802.11n: -70dBm@ MCS1540MHz
		802.11n:17.5dBm@ MCS1540MHz
	Max output power	802.11n:17.5dBm@ MCS1540MHz
	Encryption mode	WEP-64/128, TKIP (WPA-PSK) andAES (WPA2-PSK)
	Management mode	Support TR069 remote management and upgrade. Support local WEB / CLI management.
Management functions	Status monitoring, configuration management, alarm management, log management.	
Others	Shell	Plastic shell
	Power consumption	< 6W : External 12V DC / 1A power adapter.
	Dimension	185mm(L) x145mm(W) x35mm (H)
	weight	0.32kg
	Operating temperature	0~45°C
	Storage temperature	-40~85°C
	Operating humidity	10%~90% Non-condensing
	Storage humidity	5%~95% Non-condensing