

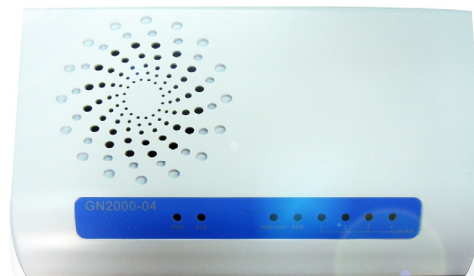


GCOM GPON Optical Network Unit

GN2000-04G 4-Port GPON ONU

Product Overview

GN2000-04G is designed for GPON ONU device with white plastic shell by GOM. GN2000-04G will target at the SOHO family with FTTH network structure. It deploys on the access layer of corridor, enterprise, university, bandwidth community etc with flexible GPON network.

**Product Specification**

Item	GN2000-04G	GN2000-04G-2V	GN2000-04G-1W-2V
Port	1 x GPON Uplink Port 4 x 10/100/1000Base-TX	1 x GPON Uplink Port 4 x 10/100/1000Base-TX 2 x VOIP	1 x GPON Uplink Port 4 x 10/100/1000Base-TX 2 x VOIP, 1 x WLAN
Processor	MIPS 74Kc (500MHZ)		
DDR3	Hynix : H5TQ1G63BFR (1Gbit)		
NAND FLASH	Samsung : K9F1G08U0B-PCB00(1Gbit)		
Dimension	268mm(L) x 213mm (W) x 34mm (H)		
Weight	<1.4kg		
Voltage	Power Adaptor (220AC Input-12VDC/2A Output)		
Max Power Consumption	<13W	<15W	<17W
MAC Table	1K		
Buffer	1 Mbit		
Flow Control	IEEE 802.3x Flow Control (Full Duplex); Back Pressure Flow Control (Half Duplex)		
Environmental	Working Temperature : 0 °C~50 °C; Relative Humidity : 5%~95%, Non Condensing		
GPON Feature			
● ITU-T G.984 GPON Standard ● GEM Encapsulation ● DBA (Dynamic Bandwidth Assignment) ● 40 T-CONT and 256 x GEM Port ● Class B+ Optical Power Budget ● Mapping from Port-based VLAN to GEM port ● FEC (Forward Error Correction) ● OAM (Operations, Administration and Maintenance) ● PLOAM (Physical Layer OAM) ● OMCI ● Downlink 128 bit AES (Advanced Encryption Standard) Encryption ● Power-Down Alarm			
Business Function			
VLAN	Port-based VLAN and IEEE 802.1Q VLAN ● VID and PVID Configure Tag Attribution based on Port + VLAN		
Broadcast Storm Suppression	Configure Quantity of Broadcast Packet		
STP	IEEE 802.1d/1s/1w		
Port Aggregation	Support		
Bandwidth Control	Support 64K to100M		
Mirror	Port Mirroring		
QoS	Port-based ● 802.1p ● IP-TOS Priority ● 4 Priorities Control		
Upgrade	Xmodem ● TFTP		
Management	GN.Link Cluster Management and Remote Upgrade (Client end) Telnet Remote Configuration ● SNMP ● WEB		
Security	The administrator's user password authentication Port binding, limit MAC address on each port ● 802.1x		
Maintenance	Debug Information Output ● PING ● System Log		