

## G4200-4C/8C Specification



Hardware	
System Architecture	G.hn Wave2 EoC Master 4/8 * G.hn EoC ports, each port supports up to 16 CPEs 2 * 1000-X//10000-X SFP/SFP+ ports 3 * 10/100/1000BT RJ45 ports 1 * RS232 console port (RJ45 connector)
Physical Dimension	1.0U high (440mm*256mm*44mm) Support 19" Rack Mount
LED	Power, System Active, SFP port link/active, Management port link/active, G.hn Link
Weight	< 4.2 KG
Input power & frequency	100 ~ 240VAC / 50 ~ 60Hz
Power consumption	<55 W
Environment Conditions	
Operating temperature	0°C ~ 50°C
Storage temperature	-25°C ~ 80°C
Operating humidity	10% ~ 90% non-condensing
G.hn performances & Specification	
Line Modulation Way	OFDM (Orthogonal Frequency Division Multiplexing)
G.hn Specification	2 ~ 200 MHz for Baseband Power Mask Notching Dynamic PSD NDIM (Neighbor Domain Interface Mitigation) Radio Band Notching function NEXT (Near End Crosstalk) Mitigation
Software	
MAC Address	16K
VLAN Numbers	4K, 256 VLAN groups
Layer 2	802.1W STP, RSTP, MSTP 802.1D Spanning Tree Protocol 802.1Q VLAN

	802.3ad Link Aggregation (MAX 8 Groups & 8 members for each group) Jumbo Frame up to 9K
Management	Web-based management GUI CLI Syslog, SNMP v1/v2c/v3, SNMP trap, RMON, TFTP SNTP, Port Mirroring Security by using password for log-in via Console and Telnet Factory restore Reboot Firmware upgrade Configuration backup and restore
Multicast	IGMP Snooping V1/V2 Multicast Group up to 512 Multicast Traffic Block / Filtering Protection of malicious multicast traffic from subscriber port
DHCP	DHCP DHCP Request Flooding protection (DHCP snooping rate-limiting) DHCP Option 82 Circuit-ID: port information user connected Remote-ID: MAC address information of Relay device
Security	DLF, Broadcast DHCP Filtering, Mac Filtering, NetBEUI, NetBIOS Filtering, NBT Packet filtering based on IP address and TCP, UDP port flooding protection (static MAC, MAC count) Multicast/Broadcast flooding protection Service classifying for the Control Packet (Ping, Telnet, SNMP, TFTP etc.) NetBIOS/ NetBEUI/ NBT filtering 8 CPU queue, Rate-limit to CPU traffic IP/TCP/UDP Port Filtering
QoS / ACL	Layer 2(Source/Destination MAC Address, VLAN ID, COS Field) Layer 3(Source/Destination IP Address, DSCP Field) Priority/Parameter based QoS 8 queue per port SPQ, WRR, SPQ + SDWRR: port, queue DSCP marking/remarking Ingress ACL: 128