GPON/EPON with 4 Ethernet Interfaces ,1 x VoIP and 802.11ax AX3000

model# EGP5000

Hardware Solution

Chipset Solution	Realtek RTL9607
Processor Info	FHD 6000 DMIPS Dual ARMA53 Secure SoC with Dual MALI 450MP2 3D GPU
Memory DDR	512MB DDR3 (1 Bank Only)
Memory Nand Flash or eMMC	256MB Nand TSOP Flash
Modem/Gateway Connectors	1 * USB 2.0, 4 * RJ-45, 1 x Optical SC/APC Fiber Connector, 1 * RJ11
Product LED Indicators	Power LED Indicator, GPON Indicator, NET LED Indicator, LOS LED Indicator, WiFi LED Indicator, WPS LED Indicator, VOIP Line 1 LED Indicator, USB LED Indicator, LAN1 LED Indicator, LAN2 LED Indicator, LAN3 LED Indicator, LAN4 LED Indicator
Housing Buttons	1 x Reset/WPS button and 1 x power switch
Operating temp.	0 to 40° C
Storage Temp	-20 to 70° C
Storage Humidity	5 to 90% RH non-condensing
Operating humidity	10 to 95% RH non-condensing

Network Functions

PON Standard	GPON ITU-T.984.x
GPON Optical System	Class B+
PON Sensitivity	-28dBm to -8dBm
PON Wave Length	US: 1310nm / DS: 1490nm
PON Link Rate	Rx:2.5Gbps / Tx:1.25Gbps
PON OLT Compatibility	FiberHome, Huawei, Nokia, ZTE
Wifi Standard	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac , IEEE 802.11ax
Wifi Antenna	2 x dual band antenna
WPA	WPA, WPA2, WPA3
WiFi Link Rate	2.4G : 574Mbps, 5G : 2402Mbps
Ethernet Standard	1000 BASE-T (802.3ab)
Number of Ethernet Ports	4
Ethernet WAN	PPPoE
VOIP FUNCTIONALITY	T.38 Fax over IP, DTMF, Minimum 3 telephones per line
VOIP Advanced Services	Call waiting, Caller Identification, Call Forwarding, 3-way Conference
IP Stack	IP V4, IP V6
IGMP Protocol	IGMP v2 (RFC 2236), IGMP v3 (RFC 3376), IGMP Snooping, IGMP Proxy
VLAN Support	true
Network Remote Access	Telnet, HTTP
Router Network Features	NAT, DDNS, mDNS, VPN, uPNP, SNTP
Network Device Management Protocol	Web Management, TR069

Accessories

Power supply	15.6W PSU EU

Certificate

Certificates	National Certificate - CE(EU)

This product leaflet contains various optional features.Contact our sales team for a detailed quotation.
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