XGS-PON WiFi 7 GW BE7200

2.4GHz & 5GHz 4x4 Concurrent **|** 10GE LAN **|** VoIP **|** USB

GRG-4355u

Comtrend's GRG-4355u is designed as an XGS-PON device. It offers high-performance Data, Voice and Video services for individual users, SOHO (small office or home office) setups, and small businesses, among others.

It provides one high-speed 10GE LAN port and four GE ports, along with two FXS ports for internet calling. It also features dual-band Wi-Fi 7 (4T4R 802.11be@2.4GHz and 4T4R 802.11be@5GHz). The two wireless bands are separated into two dedicated Wi-Fi networks, which support more end-user devices while reducing signal interference. Furthermore, there is a USB 3.0 host interface on the user side.

KEY FEATURES

- **Dual-band MLO in Wi-Fi 7:** Simultaneous **M**ulti- **L**ink **O**peration on two frequency bands amplifies throughput, improves reliability, optimizes load balancing, and reduces latency by dynamically utilizing spectrum resources
- **OFDMA and MU-MIMO:** Supports both up-link and down-link, allowing efficient data transmission for more devices at the same time
- **XGS-PON: 10G/10G UL/DL** provides high speed fiber to the home services
- 4x **10/100/1000BASE-T** Ethernet LAN ports
- 1x **10GE** Ethernet LAN port
- Supports **Voice over Internet Protocol** (VoIP) as a flexible and affordable solution for voice calls
- 1x **USB3.0**
- **Remote Management:** TR-069 standard data model for ISP remote control

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SPECIFICATIONS	
Flash Memory	512MB
SDRAM	512MB
WAN(PON)	1 x XGS-PON SC/APC Both downstream and upstream rates can reach 10Gbps
10G LAN	1x RJ-45 Port
GE LAN	4x RJ-45 Ports
FXS (VoIP)	2x RJ-11 Ports
USB	1x USB3.0
Buttons	Power, WPS, Factory Reset
LEDs	POWER / PON / LOS / NET / 2.4G/5G / lan1~4 / TEL1·2
Features	WAN Type: IPoE / Static IP / PPPoE / Bridge Supports VLAN 1-4094 Protocols: IPv4 / IPv6 dual stack Support IGMP Snooping & Proxy T.30/T.38/G.711 FAX mode Supports WAN/LAN access the Telnet & HTTP Supports Parental Controls Security: Firewall, IP/ MAC /URL Filter Supports TR-069 Remote Management Protocol Call waiting/ Unconditional Call Forward/Call Forward Busy/ Call Forward No Reply/ Three-party calls
WiFi	2.4GHz: 11be 4×4 5GHz:11be 4×4 2.4G Phy rate: 1376Mbps 5G Phy rate: 5764Mbps
Power Adaptor	DC 12V/3A
Dimensions	190mm x 80mm x 255mm (L x W x H)
Certifications	CE & RoHS
ENVIRONMENT	
Operating Temperature	0~ 45 degrees Celsius
Operating Humidity	5 ~ 95%

COMTREND

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Product specifications and design are subject to change without notice.