

# Wi-Fi 6GEth. Router AX3000

802.11ax | GE LAN | GE WAN | VoIP | TR-069

## VG-8032u



**VG-8032u** is equipped with a dual core processor, operates at a main frequency of 1.0GHz and provides superior processing speed and stable operation.

2.4G and 5G support the new generation Wi-Fi 6 (11ax) standard, having stronger anti-interference capability and faster transmission rate. The dual frequency concurrent wireless rate is up to 3000Mbps. Furthermore, VG-u provides one WAN + three LAN full gigabit network ports, convenient for home networking.

### KEY FEATURES

- Supports Wi-Fi 6 (802.11ax) new generation Wi-Fi standard
- Supports 2.4GHz, 5GHz, dual frequency concurrently, automatically selecting 2.4G or 5G frequency band
- 2.4G supports 40MHz bandwidth, and 5G supports 160MHz bandwidth
- Supports BSS coloring which makes more use of the Wi-Fi spectrum by reducing interference to ensure more efficient service to multiple connected devices in busy Wi-Fi environments
- OFDMA and MU-MIMO support up-link and down-link, allows efficient data transmission for more devices at the same time
- Supports mesh networking; say goodbye to cumbersome wiring, realize automatic networking and whole home Wi-Fi 6 coverage
- Provides a full Gigabit WAN port and three full Gigabit LAN ports
- Supports Voice over Internet Protocol (VoIP) as a flexible and affordable solution for voice services

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## SPECIFICATIONS

<b>Main Chipset</b>	<ul style="list-style-type: none"><li>Flash Memory: 128MB</li><li>SDRAM: 256MB</li></ul>
<b>Interface</b>	<ul style="list-style-type: none"><li>Ethernet LAN: 3x RJ-45 Port (Yellow color, unshielded)</li><li>10/100/1000Mbps</li><li>WAN: 1x RJ-45 GE WAN</li><li>VoIP: 1x RJ-11 FXS</li><li>USB: 1x USB2.0</li><li>WLAN: 2.4G 11ax 2T2R+5G 11ax 2T3R, 5x internal antennas</li><li>Buttons: 1x Reset/WPS button</li><li>MESH: 1x MESH button</li><li>Power Jack: DC power jack</li><li>Switch: On/Off switch</li></ul>
<b>Power</b>	<ul style="list-style-type: none"><li>Adaptor Input: 100 ~ 240 VAC(±10%), 50/60Hz</li><li>Adaptor Output: Single-output-DC 12V, 1.5A</li></ul>
<b>ENVIRONMENT</b>	
<b>Physical &amp; Environmental</b>	<ul style="list-style-type: none"><li>Operating Temperature: 0 °C ~40 °C (32 °F ~104 °F);</li><li>Storage Temperature: -20 °C ~70 °C (-4 °F ~158 °F)</li><li>Operating Humidity: 0 to 95% RH</li><li>Storage Humidity: 0 to 95% RH</li></ul>
<b>Green Product Requirement</b>	<ul style="list-style-type: none"><li>RoHS</li></ul>

# COMTrend

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