**ComX Computers**
Product Specification Sheet

# WR11000

Cudy BE11000 Tri-Band Wi-Fi 7 Gigabit Mesh Router

## Product Overview

Cudy BE11000 Tri-band Wi-Fi 7 Gigabit Mesh Router, 6x fixed Omni-Directional antennas, 1x 2.5 GbE WAN Port, 3x 2.5 GbE LAN Ports, 5760 Mbps @ 6GHz, 4320 Mbps @ 5GHz, 688 Mbps @ 2.4GHz








## Specifications

**Overview summary:**

Upgrade your home or office network to cutting-edge performance with the**Cudy WR11000 BE11000 Tri-Band Wi-Fi 7 Mesh Router**. Engineered with Qualcomm's 1.5GHz quad-core CPU and the latest**Wi-Fi 7 (802.11be)**technology, this powerful router delivers blistering speeds up to**11,000 Mbps**across tri-band frequencies (6GHz, 5GHz, and 2.4GHz). It features six fixed omni-directional antennas with Beamforming,**Multi-Link Operation (MLO)**,**OFDMA**,**MU-MIMO**, and**Ultra-Wide 240/320 MHz channels**, ensuring ultra-low latency, wide coverage, and reliable multi-device connectivity. With**four 2.5G Ethernet ports**and **advanced WPA3 security**, the WR11000 is perfect for gaming, 4K/8K streaming, smart home integration, and high-performance workspaces. Set up easily with mesh support and enjoy seamless roaming across your home. Future-proof your network with this high-speed, feature-rich router from Cudy.

**Overview:**

Unlock the next generation of networking with the Cudy BE11000 Wi-Fi 7 Gigabit Mesh Router, engineered to meet the demands of modern households and power users alike. Featuring Wi-Fi 7 (802.11be) technology and tri-band connectivity, this

router delivers lightning-fast wireless speeds up to 11,000Mbps across the 6GHz, 5GHz, and 2.4GHz bands. Whether you're streaming 4K content, gaming online, or handling massive file transfers, enjoy ultra-responsive performance with zero interruptions.

At the heart of the BE11000 lies a Qualcomm 1.5GHz Quad-Core 64-bit Cortex-A53 CPU paired with 512MB of DDR4 RAM, giving you an immense processing boost. This ensures smoother multi-device management and lag-free operation across dozens of connected devices, perfect for smart homes or home offices. Combined with Multi-Link Operation (MLO), the router intelligently links devices to all three bands simultaneously, reducing latency and maximizing stability.

Thanks to six high-gain fixed antennas with Beamforming and four high-power external FEMs, the BE11000 pushes strong, focused signals throughout your home-even in hard-to-reach corners. Enjoy exceptional coverage and wall-penetrating strength, ensuring stable connections no matter where you roam.

Need ultra-fast wired speeds? The BE11000 doesn't disappoint. It features four 2.5G multi-gigabit Ethernet ports, giving your PC, gaming console, NAS, or Smart TV speeds up to 2.5X faster than traditional Gigabit. Whether you're editing large video files or enjoying buffer-free entertainment, these high-speed ports keep up with your most demanding tasks.

Smart parental controls let you manage access, set schedules, and block inappropriate content to protect your family online. Create custom profiles for each user and enjoy seamless integration with smart home devices. The intuitive setup process via wireless pairing or auto-wired connection makes deployment quick and effortless. Plus, with mesh support, you can create a single unified network with seamless roaming-no need to manually switch between access points.

Support for Ultra-Wide 240/320MHz bandwidth, OFDMA, MU-MIMO, WPA3 encryption, and IPv6 ensures maximum performance, robust security, and future-ready networking. Whether you're an advanced user or a casual home user, the Cudy BE11000 Wi-Fi 7 Mesh Router is built to evolve with your needs.

**Features:**

- Qualcomm 1.5GHz Quad-Core 64-Bit Cortex-A53 CPU
- Warping Tri-Band BE11000 Wi-Fi 7
- High-Power External FEMs for Broader Wi-Fi Coverage
- 4x 2.5G Ethernet Ports for Multi-Gig Internet
- 6x Fixed Antennas with Beamforming
- Ultra-Wide 240/320 MHz Bandwidth
- MLO, Puncturing, OFDMA, MU-MIMO
- IPv4/IPv6, TR069/TR098/TR181/TR111

**WHAT'S IN THE BOX:**

- Cudy BE11000 Wi-Fi7 Gigabit Mesh Router - Black x1
- Power Adapter x1
- RJ45 Ethernet Cable x1
- Quick Installation Guide x1

**Specifications:**

© 2025 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (http://www.comx.co.za), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

| Specifications | |
|---|---|
| **Product Code** | WR11000 |

**ComX Computers**
Product Specification Sheet

| Hardware Features | |
|---|---|
| **Processor** | Qualcomm IPQ5322 1.5GHz Quad-Core CPU |
| **RAM / Flash** | 512 MB DDR4 RAM / 128 MB NAND Flash |
| **Antennas** | 6x Fixed Omni-Directional Antennas |
| **Ethernet Ports** | 1x 10/100/1000/2500Mbps WAN Port , 3x 10/100/1000/2500Mbps LAN Ports |
| **Buttons** | WPS Button, Reset Button |
| **Power Supply** | 12 V / 2 A |
| **Wireless** | |
| **Wireless Standards** | IEEE 802.11be/ax 6GHz , IEEE 802.11be/ax/ac/n/a 5GHz , IEEE 802.11be/ax/n/b/g 2.4GHz |
| **Wireless Frequency** | 6GHz, 5GHz, 2.4GHz |
| **Wireless Bandwidth** | 20/40/80/160/240/320MHz |
| **Signal Rate** | 5760Mbps (6GHz) , 4320Mbps (5GHz) , 688Mbps (2.4GHz) |
| **Transmit Power** | CE: |
| **Wireless Modes** | Enable/Disable Wireless Radio, WMM |
| **Wireless Security** | WPA-PSK, WPA2-PSK, WPA3-SAE, WPA-PSK/WPA2-PSK, WPA2-PSK/WPA3-SAE |
| **Other Features** | MLO, DL/UL MU-MIMO, DL/UL OFDMA, Beamforming, Mesh |
| **System Requirements** | Systems with wireless or wired network connectivity , Web browser, such as Edge, Firefox, Chrome, or Safari , Internet access subscription with ISP |
| **Product Dimensions** | 25,3 x 15,25 x 4,82 cm |

## Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

**Product page:**
**https://www.comx-computers.co.za/WR11000-Cudy-BE11000-Tri-Band-Wi-Fi-7-Gigabit-Mesh-Router-p-325235.php**

*Images and specifications are provided for reference and are subject to change without notice. E&OE.*

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-20 17:40:15.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.