



## Cudy WR6500 wireless router Gigabit Ethernet Dual-band (2.4 GHz / 5 GHz) Black

**Brand :** Cudy

**Product code:** WR6500

**Product name :** WR6500

- Broadcom 2 GHz Quad-Core CPU
  - 6-Stream Dual-Band Wi-Fi 7
  - 5765 Mbps + 688 Mbps Wi-Fi
  - 5x Gigabit Ethernet Ports
  - 200 Connected Devices
  - Covers 140 m² (1,500 ft²)
  - VPN Server and Client
  - Cudy App, Cloud Control
- 6.5GBps, Wi-Fi7, 5xRJ-45, 140m2

Cudy WR6500. WAN connection type: RJ-45. Wi-Fi band: Dual-band (2.4 GHz / 5 GHz), Top Wi-Fi standard: Wi-Fi 7 (802.11be), WLAN data transfer rate (max): 5765 Mbit/s. Ethernet LAN interface type: Gigabit Ethernet. Security algorithms: WPA, WPA2, WPA3. Product type: Tabletop router, Product colour: Black



| WAN connection                        |                                                                                                 | Protocols                |                                             |
|---------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------------|
| Ethernet WAN *                        | ✓                                                                                               | DHCP client              | ✓                                           |
| DSL WAN *                             | ✗                                                                                               | DHCP server              | ✓                                           |
| SIM card slot *                       | ✗                                                                                               | Design                   |                                             |
| 3G/4G USB modem compatibility *       | ✗                                                                                               | Product colour           | Black                                       |
| WAN connection type                   | RJ-45                                                                                           | Wall mountable           | ✓                                           |
| Wireless LAN features                 |                                                                                                 | Product type *           | Tabletop router                             |
| Wi-Fi band *                          | Dual-band (2.4 GHz / 5 GHz)                                                                     | Certificates             |                                             |
| Top Wi-Fi standard *                  | Wi-Fi 7 (802.11be)                                                                              | Compliance certificates  | CE, Federal Communications Commission (FCC) |
| WLAN data transfer rate (max) *       | 5765 Mbit/s                                                                                     | Packaging content        |                                             |
| Wi-Fi standards                       | 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 7 (802.11be) | Cables included          | LAN (RJ-45)                                 |
| WLAN data transfer rate (first band)  | 688 Mbit/s                                                                                      | AC adapter included      | ✓                                           |
| WLAN data transfer rate (second band) | 5765 Mbit/s                                                                                     | Antenna included         | ✓                                           |
| Network                               |                                                                                                 | Quick installation guide | ✓                                           |
| Ethernet LAN *                        | ✓                                                                                               | Antenna                  |                                             |
| Ethernet LAN interface type *         | Gigabit Ethernet                                                                                | Antenna design *         | Internal & external                         |
| Port forwarding                       | ✓                                                                                               | Antenna type             | 3x3                                         |
| Port triggering                       | ✓                                                                                               | Antenna gain level (max) | 5.27 dBi                                    |
| Number of guest networks (2.4 GHz)    | 1                                                                                               | Antennas quantity        | 6                                           |
| Number of guest networks (5 GHz)      | 1                                                                                               | Detachable antenna(s)    | ✗                                           |
| Ports & interfaces                    |                                                                                                 | Features                 |                                             |
| Ethernet LAN (RJ-45) ports *          | 4                                                                                               | Built-in processor       | ✓                                           |
| USB port *                            | ✗                                                                                               | Processor architecture   | ARM Cortex A7                               |
| DC-in jack                            | ✓                                                                                               | Processor frequency      | 2000 MHz                                    |
| Management features                   |                                                                                                 | Processor cores          | 4                                           |
| Web-based management                  | ✓                                                                                               | Internal memory          | 512 MB                                      |
|                                       |                                                                                                 | Internal memory type     | DDR4                                        |
|                                       |                                                                                                 | Flash memory             | 128 MB                                      |

| Management features              |                 | Power                             |             |
|----------------------------------|-----------------|-----------------------------------|-------------|
| Quality of Service (QoS) support | ✓               | Power source type *               | DC          |
| Wake-on-LAN ready                | ✓               | AC input voltage                  | 100 - 240 V |
| Reset button                     | ✓               | AC input frequency                | 50/60 Hz    |
| WPS push button                  | ✓               | Output voltage                    | 12 V        |
| MU-MIMO technology               | ✓               | Output current                    | 1.5 A       |
| MIMO                             | ✓               | Operational conditions            |             |
| Security                         |                 | Operating temperature (T-T)       | 0 - 40 °C   |
| Security algorithms              | WPA, WPA2, WPA3 | Storage temperature (T-T)         | -40 - 70 °C |
| Firewall                         | ✓               | Operating relative humidity (H-H) | 10 - 90%    |
| Guest access                     | ✓               | Storage relative humidity (H-H)   | 5 - 95%     |
| Filtering                        | ✓               | Weight & dimensions               |             |
| MAC address filtering            | ✓               | Width                             | 253 mm      |
| IP address filtering             | ✓               | Depth                             | 152 mm      |
| URL filtering                    | ✓               | Height                            | 482 mm      |
| IGMP snooping                    | ✓               | Weight                            | 580 g       |
| DMZ support                      | ✓               | Packaging data                    |             |
|                                  |                 | Package width                     | 431 mm      |
|                                  |                 | Package depth                     | 324 mm      |
|                                  |                 | Package height                    | 58 mm       |
|                                  |                 | Package weight                    | 1.19 kg     |



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### Catalog Object Cloud



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