

WR30X C1

AX3000 Wi-Fi 6 Router



Experience the future of connectivity with our advanced KU-R30X C1 Wi-Fi 6 Router. Unleash blazing speeds up to 3000Mbps with 1024-QAM and dual-core processing power. Five high-gain antennas deliver whole-home coverage with zero dead zones. Enjoy enterprise-grade security with WPA3 encryption, parental controls, and seamless VPN support. Perfect for 4K streaming, gaming, and smart homes. With easy Web GUI management and future-proof Wi-Fi 6 technology, stay connected faster and smarter!

Features

Blazing-Fast Dual-Band Wi-Fi 6 Speed

Experience high-speed dual-band speeds up to 3000Mbps(2.4GHz and 5GHz) with advanced 1024-QAM and EHT160 support. Perfect for 4K streaming, VR gaming, and large file transfers without lag.

Enhanced Coverage with High-Gain Antennas

Five external 6dBi antennas optimize signal strength and reduce dead zones. Enjoy reliable coverage throughout your home or office with minimized interference.

Advanced Security & Parental Controls

WPA3 encryption, SPI firewall, and URL filtering keep your network safe. Easily manage access and monitor usage via the intuitive mobile app or web interface.

Flexible Networking & VPN Support

Dual-stack IPv4/IPv6, IPSEC/PPTP/L2TP VPN, and IGMP proxy for IPTV. Ideal for remote work, gaming, and media streaming with enterprise-grade features.

Easy Management & Mesh Ready

Manage your network via web GUI, TR069 or command line. With built-in easyMesh support, you can create a whole-home mesh system by adding compatible nodes for complete, uninterrupted coverage.

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Hardware Parameters

Chipset	MT7981B+MT7976C+MT7531AE
CPU Frequency	Dual-core 1.3GHz
Memory	256MB DDR3L
Flash	128MB SPI NAND Flash
Device Interfaces	• 1 x 10/100/1000M RJ45 WAN Ethernet • 3 x 10/100/1000M RJ45 LAN Ethernet • 1 x WPS Button • 1 x Reset Button • 1 x Power Jack • 1 x Power Button
WIFI	• 2T2R 2.4GHz 802.11b/g/n/ac/ax, 574Mbps • 2T2R 5.8GHz 802.11a/n/ac/ax, 2402Mbps
WIFI Antenna	• 2 x 6dBi external 2.4G antenna • 3 x 6dBi external 5G antenna

WIFI Features

Standard	• 802.11a/b/g/n/ac/ax • 2.4G: 2.4~2.4835GHz 5G: 5.150~5.825GHz • Korea, Japan, ETSI, FCC channels can be selected	
Modulation Schemes	• OFDM = BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM • DSSS = DBPSK, DQPSK, CCK	
TX power	2.4GHz: • 11n min 19dbm • 11ac min 18dbm • 11ax min 17dbm	5GHz: • 11n min 17dbm • 11ac min 16dbm • 11ax min 15dbm
RX Sensitivity	2.4GHz: • 11n < -71dbm • 11ac < -63dbm • 11ax < -56dbm	5GHz: • 11n < -71dbm • 11ac < -61dbm • 11ax < -56dbm
Transfer Rate	• HE20: up to 574Mbps 2.4G+5G • HE40: up to 1147Mbps 2.4G+5G • HE80: up to 1201Mbps 5G • HE160 up to 2402Mbps 5G	

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Software Features

Wireless	Wireless spec Features: • Embedded AP with 2 SSID on each Radio • Separate authentication for each SSID • Wmm • AutoChannel • BSD • easyMesh • WPA3/SAE Security	Wireless main Protocols: • IEEE 802.11a • IEEE 802.11b • IEEE 802.11g • IEEE 802.11n • IEEE 802.11ac • IEEE 802.11ax • IEEE 802.11h(dfs) • IEEE 802.11e(wmm) • IEEE 802.11k/v/r
Network	Network Features: • IPv4/IPv6 dual stack • IPv6 Stateless/Stateful • 6RD • Static/IPoE/PPPoE Connection Type • IPoE Bridge Mode • IPoE DHCP/Static Mode • PPPoE Dynamic/Static • IGMP proxy and MLD for IPTV • PPTP, L2TP GRE IPSEC VPN • NAT, NAT and ALG • DHCP Server • Static route	Network main Protocols: • RFC0768 UDP • RFC0791 IP • RFC0792 ICMP • RFC0793 TCP • RFC0826 Ethernet ARP • RFC0894 IP over Ethernet • RFC0922 Broadcasting Internet Datagrams • RFC0950 Internet Standard Subnetting • IEEE802.3 Ethertype • IEEE802.1p • RFC2516 PPP Over Ethernet (PPPoE) • RFC1662 PPP in HDLC-like Framing • RFC1332 PPP Internet Protocol Control Protocol • RFC1042 Transmission of IP Datagrams over IEEE 802 Networks • IPoE (a.k.a IP over Ethernet over AAL5)
Other Features	• QoS Flow Control • DMZ and Port forwarding(Virtual server) • SPI Firewall, Denial of Service (DoS) protection • IP/Port/MAC filtering and URL filter • DDNS • SNTP Date/time update from Internet Time Server • Diagnostics(Ping/TraceRoute) • Logs and statistics • Automatic timing restart	

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Software Features

Management Features

- WEB GUI
- FOTA
- Command Line Tools(telnet/ssh)
- TR-069 Remote Mangagment
- UPNP

Physical

Dimensions

227.8 x 150 x 30.5mm

Weight

318.5grams (0.702pounds)

Temperature

- Operating: 0°C~40°C
- Storage: -20°C ~ 70°C

Operating Humidity

5%~95% (typical)

Power Supply

12V/1A

Regulation Compliance

CE

Safety Regulations

UL

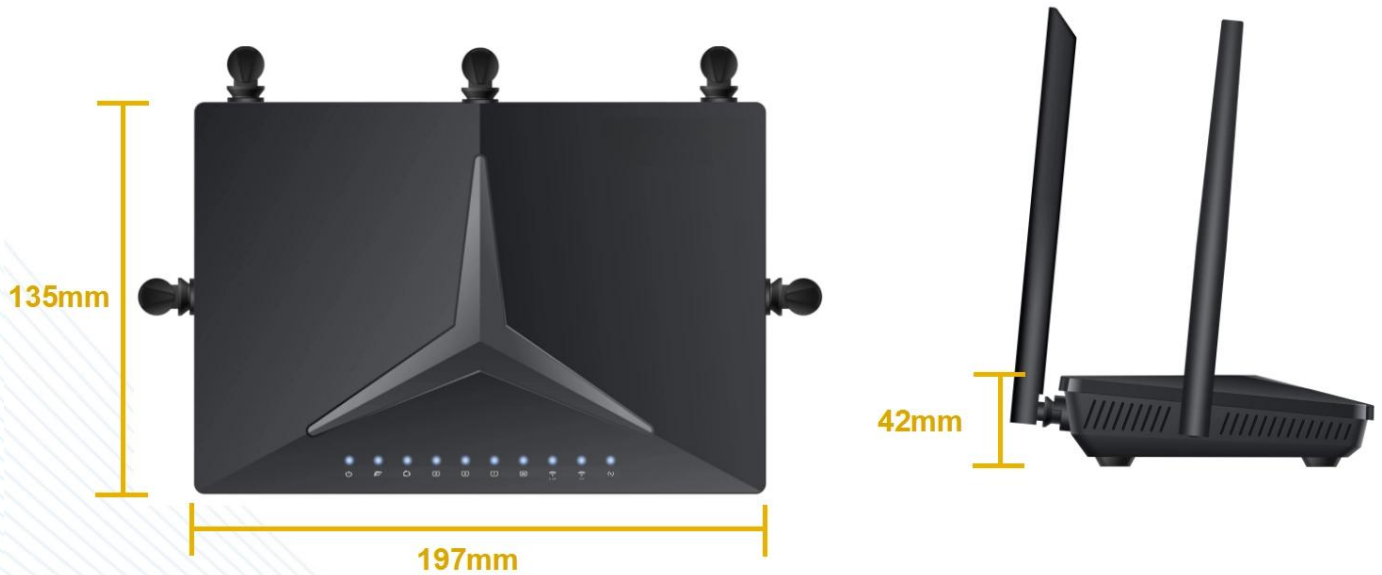
Green Standard

RoHS

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Dimension Diagram



Interfaces Diagram

