



Model	WI-WR796-BE
Hardware Version	V1
Hardware Features	
Chipset	BCM6765+ BCM6711A0KEFBG
CPU frequency	Quad-Core, 2.0-GHz
Memory	512MB DDR
Flash	256M NAND
Interface	4x RJ45 10M/100M/1000M LAN Ethernet 1 x RJ45 100M/1000M/2.5G /5G/10G WAN Ethernet 1 x WPS button 1 x reset button 1 x USB3.2 (optional) 1XRJ11(optional)
Power Supply	12V/2.5A
Wireless Features	
Standards	IEEE 802.11a/b/g/n/ac/ax/be
Frequency	2.4G: 2.4~2.4835GHz 5G: 5.150GHz~5.825GHZ 6G: 5.925~7.125Ghz *Please follow national regulations to select the appropriate frequency.
Data Rates	2.4GHz: up to 1030Mbps 5GHz: up to 2880Mbps 6GHz: up to 5760Mbps
MIMO	2.4GHz: 3x3 MIMO 5GHz: 2x2 MIMO 6GHz: 2x2 MIMO
Antenna	2.4GHz: 3 x 3dBi Internal 2.4G antenna 5GHz: 2 x 5dBi Internal 5.8G antenna 6GHz: 2 x 5dBi Internal 6G antenna
Modulation schemes	OFDM - BPSK,QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM
	DSSS - DBPSK, DQPSK, CCK
Transfer Rate	EHT20: up to 1236Mbps 2.4G+5G+6G EHT40: up to 2470Mbps 2.4G+5G+6G EHT80: up to 2880Mbps 5G+6G EHT160: up to 5760Mbps 5G+6G EHT320: up to 5760Mbps 6G
Software Features	
General Protocols	Wireless main Protocols: IEEE 802.11a/b/g/n/ac/ax/be IEEE 802.11h(dfs) IEEE 802.11e(wmm) IEEE 802.11k/v/r
	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)
Network Features	IPv4/IPv6 dual stack 6RD IPoE Bridge Mode IPoE DHCP/Static PPPoE Dynamic/Static IPv6 Stateless/Stateful PPTP L2TP GRE IPSEC VPN IGMP proxy and MLD for IPTV DNS Proxy DHCP server NAT,NAPT and ALG
Wireless Features	Air Time Fair Auto Channel Band Steering Easy Mesh WPA3/SAE Security Embedded AP with 8 SSIDs on each Radio Separate authentication for each SSID
Other Features	QOS Flow Control Samba/DLNA/FTP NAT,NAPT and ALG DMZ and Port forwarding(Virtual server) SPI Firewall, Denial of Service (DoS) protection Port filtering, IP filtering and MAC filtering URL filter DDNS Static route SNTP Date/time update from Internet Time Server Diagnostics(Ping/TraceRoute) Logs and statistics Automatic timing restart
Management	WEB GUI Command line tools(telnet/ssh) TR-069 remote mangagment TR181/TR104/TR140/TR143/TR157(periodicstatistics) UPNP TR369
Environment Requirement	
Operating Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 70°C
Operating Humidity	5% ~ 95% (typical)
EMC/Safety	
Regulation Compliance	CE
Safety Regulations	UL
Green Standard	RoHS