

Datasheet

# Wi-Fi 6 AX1500 Dual-Band Wi-Fi Router

WI-WR115



# Specifications



Model	WI-WR115
Hardware Features	
Hardware Version	V1.0
Chipset	RTL8197H-VE5-CG+RTL8832BR-CG+RTL8367RB-VC-CG
CPU frequency	Single-Core 1GHz
Memory	256MB 16-bit DDR2
Flash	128MB
Interface	1 x RJ45 10M/100M/1000M WAN Ethernet 4 x RJ45 10M/100M/1000M LAN Ethernet 1 x reset button 1 x WPS button 1 x Power jack 1 x Power switch
Power Supply	12V/1A
Wireless Features	
Standards	IEEE 802.11b/g/n/ac/ax
Frequency	2.4G: 2.402GHz~2.482GHz 5G: 5.150GHz~5.825GHZ *Please follow national regulations to select the appropriate frequency.
Data Rates	2.4GHz: up to 300Mbps 5GHz: up to 1200Mbps
MIMO	2.4GHz: 2x2 MIMO 5GHz:2x2 MIMO
Antenna	2.4GHz: 5dBi (external omnidirectional antenna) 5GHz: 5dBi (external omnidirectional antenna)
Modulation schemes	OFDM=BPSK,QPSK, 16-QAM, 64-QAM 256-QAM 1024-QAM DSSS=DBPSK, DQPSK, CCK

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Transfer Rate	2.4GHz: HT20: up to 144Mbps HT40: up to 300Mbps 5GHz: HE20: up to 286.8Mbps HE40: up to 576.5Mbps HE80: up to 1201Mbps
Software Features	
General Protocols	<p><b>Wireless main Protocols:</b></p> <ul style="list-style-type: none"> <li>IEEE 802.11b</li> <li>IEEE 802.11g</li> <li>IEEE 802.11n</li> <li>IEEE 802.11ac</li> <li>IEEE 802.11ax</li> <li>IEEE 802.11h(dfs)</li> <li>IEEE 802.11e(wmm)</li> <li>IEEE 802.11k/v/r</li> </ul> <p><b>Network main Protocols</b></p> <ul style="list-style-type: none"> <li>RFC0768 UDP</li> <li>RFC0791 IP</li> <li>RFC0792 ICMP</li> <li>RFC0793 TCP</li> <li>RFC0826 Ethernet ARP</li> <li>RFC0894 IP over Ethernet</li> <li>RFC0922 Broadcasting Internet Datagrams</li> <li>RFC0950 Internet Standard Subnetting</li> <li>IEEE802.3 Ethertype</li> <li>IEEE802.1p</li> <li>RFC2516 PPP Over Ethernet (PPPoE)</li> <li>RFC1662 PPP in HDLC-like Framing</li> <li>RFC1332 PPP Internet Protocol Control Protocol</li> <li>RFC1042 Transmission of IP Datagrams over IEEE 802 Networks</li> <li>IPoE (a.k.a IP over Ethernet over AAL5)</li> </ul>

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Network Features	IDHCP server, client NAT, NAPT and ALG PPTP, L2TP VPN IGMP proxy and MLD for IPTV IPV6 Static route 802.1Q VLAN
Wireless Features	Separate authentication for each SSID Embedded AP with 4 SSIDs Wireless WDS Wireless client mode Auto Channel Wireless schedule WPA3/SAE Security
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/Trace Route) Logs and statistics Automatic timing restart
Management	WEB GUI TR-069 remote management
<b>Environment Requirement</b>	
Operating Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 70°C
Operating Humidity	5% ~ 95% (typical)
<b>EMC/Safety</b>	
Regulation Compliance	CE、FCC
Safety Regulations	UL
Green Standard	RoHS



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Technical Support



Cloud Management



Company Website