

MWA-6202U 802.11n Wireless Broadband Router and Access Point (2Tx2R, WPS, USB)



The MWA-6202U is an IEEE 802.11n Draft 2.0 and 802.11b/g compatible wireless broadband router, delivers wireless speed up to 300Mbps data rate, enables your whole network sharing a highspeed cable or DSL. The USB port of the router can be used as an FTP server or supports connection selected USB 3G modems for sharing the mobile internet via Wi-Fi. The MWA-6202U is an ideal solution for SOHO or small enterprise.

Wireless Standards: IEEE 802.11n Draft 2, IEEE 802.11b/g

Operation Mode: Router (Gateway), Bridge (AP), WISP Mode

Wireless Mode: AP / Repeater / Client / WDS /AP+WDS

Channel Selection: Auto or Manually

WAN Connection Type: Static IP / DHCP Client / PPPoE / PPTP (Static, Dynamic) / L2TP / GSM 3.5G

Networking: DHCP Server / Client, DynDNS, NTP Client, VPN Passthrough

USB: Supports Network File sharing function, FTP server, USB storage format tool, 3G modems for mobile internet (see the modem compatible list)

Security: Wireless Security: None / WEP64 / WEP128 / WPA / WPA2 Pre-Shared Key, WPA/WPA2 Ciphers: TKIP/AES/TKIP+AES, Access Control List: Allow or Deny List

WPS: Support PBC and PIN Settings

Firewall: NAT, IPSec / PPTP / L2TP Pass Through, IP Filtering, Port Filtering, URL Filtering, MAC Restricting, Port Forwarding, DMZ

Management: System Status, Packet Statistic for Ports (WLAN-LAN-WAN), Syslog (Local and Remote), Dynamic DNS, Denial-of-Service, Firmware Upgrade, Restore Settings, Password Setup

Other features: Adjustable TX power, QoS, Frame Aggregation, Multiple AP ability

Ports: Fast Ethernet Ports – 1 WAN, 4 LAN; 1 USB 2.0 port (NAS, 3.5G communication)

Antenna: 2x2dBi detachable antenna (2Tx2R)

LEDs: Power, WLAN, WPS, WAN, LAN

Button: Hardware Reset

Package Content:

- 802.11b/g/n AP/Router
- Power Supply
- User's Guide (CD)
- 1 db RJ-45 cable



Technical Specification

Standard	IEEE 802.11n Draft 2.0, IEEE 802.11b/g for WLAN IEEE 802.3, IEEE 802.3u for wired LAN
Frequency Band	2.4GHz ISM Band
Operating Channel	13 Channels (Europe), 11 Channels (US, Canada), 14 Channels (Japan)
Channel Width	20Mhz or 40Mhz (N band only)
Modulation	BPSK / QPSK / 16-QAM / 64-QAM
Transmit Power	IEEE 802.11n: < 14 dBm IEEE 802.11g: < 14 dBm IEEE 802.11b: < 17 dBm
Receiver Sensitivity	IEEE 802.11n: -64dBm @ 10% IEEE 802.11g: -70dBm @ 10% IEEE 802.11b: -80dBm @ 8%
Data Transfer Rates	IEEE 802.11n (auto fallback): 300, 270, 243, 216, 162, 108, 81, 54, 27 Mbps (40Mhz) IEEE 802.11g (auto fallback): 54, 48, 36, 24, 18, 12, 9, 6 Mbps IEEE 802.11b (auto fallback): 11, 5.5, 2, 1 Mbps
Operating Range	Indoor 100m, Outdoor 280m *The performance various depend on environment.
Antenna	2x2dBi Detachable Antenna (2Tx2R MIMO Technology)
Security	64/128 bit WEP, WPA, WPA2, TKIP, AES, WPA width Radius
Operating Mode	Gateway, Bridge, WISP (Wireless Internet Service Provider)
Wireless Mode	AP / Client / WDS / AP+WDS, Universal Repeater
Network Type	Infrastructure and Ad Hoc (While the Wireless Mode is selected to be Client)
Chipset	Realtek RTL8651C + RTL8190 + RTL8256
Flash	4 MB
RAM	32 MB SDRAM
Size	138 x 92 x 33 mm (L x W x H)
Temperature	Operating: 0C - 50C Storing: -10C – 70C
Humidity	5-90%, Non-condensing
Power Supply	DC 12V
WAN Port	1 x 10/100Base T-Ethernet switch port (auto sensing)
LAN Port	4 x 10/100Base T-Ethernet switch port (auto sensing)
USB Port	1 x USB 2.0 port
LED Indicators	Power, Active (WLAN, LAN, WAN), WPS
Buttons	Reset to default setting
Certification	CE, FCC
Warranty	1 year

Compatible 3G (UMTS) USB Modem List:

A-Link	3GU, Titan
Huawei	E160, E169, E172, E180, E220, D230, E270 E1552, E1752, E1762, K3715
Nokia	CS-15
Novatel	MC950D, XU870
Option	ICON225, ICON401, ICON505
Solomon	S3GM-646, S3GM-690
ZTE	MF636