

MWA-6206U 802.11n Wireless Router and Access Point (2Tx2R, WPS, USB)



The **MWA-6206U** is compliant with IEEE 802.11n specifications up to 300Mbps data rate and backward compatible with IEEE 802.11b/g specification. It 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-6206U** supports IEEE 802.11e for multimedia applications, IEEE 802.11i for security. The protocol efficiency is significantly improved using the packet aggregation techniques.

Wireless Standards: IEEE 802.11n upto 300Mbps data rate, IEEE 802.11b/g

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

Wireless Mode: AP / AP Client / WDS / AP+WDS / MESH / AP+MESH and Universal Repeater

WAN Connection Type: Static IP / DHCP Client / PPPoE / PPTP / 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: None / WEP64 / WEP128 / WPA / WPA2 / WPA Mixed, Radius, Access Control List: Allow or Deny List

WPS: Support WPS (Wi-Fi Protected Setup)

QoS: Bandwidth Control by IP or MAC Address

Multiple AP: Provides maximum 5 groups of SSID

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

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

Other features: Adjustable TX power, Frame Aggregation, MAC Address Clone, Wireless Schedule, Routing Setup, Virtual LAN (VLAN)

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

Antenna: 2 x 5dBi external detachable (2Tx2R)

LEDs: Power, WLAN, WPS, WAN, LAN (Link/Act)

Button: Hardware Reset, WPS

Package Content:

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

Technical Specification

Standard	IEEE 802.11n, 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: < 13 dBm IEEE 802.11g: < 15 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	300, 270, 240, 180, 120, 60, 54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2, 1 Mbps
Operating Range	Indoor 100m, Outdoor 280m *The performance various depend on environment.
Antenna	2 x 5dBi external detachable, SMA connector
Security	64/128 bit WEP, WPA, WPA2, TKIP, AES, WPA with Radius
Operating Mode	Gateway, Bridge, WISP (Wireless Internet Service Provider)
Wireless Mode	AP / Client / WDS / AP+WDS / MESH / AP+MESH, Universal Repeater
Network Type	Infrastructure and Ad Hoc (While the Wireless Mode is selected to be Client)
Chipset	Realtek RTL8196BU + RTL8192SE
Flash	4 MB
RAM	32 MB SDRAM
Size	137.5 x 93 x 32 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, WLAN, WPS, WAN, LAN (Link/Act)
Buttons	Reset to default setting, WPS (Wi-Fi Protected Setup)
Warranty	1 year

Compatible 3G (UMTS) USB Modem List:

A-Link	3GU, Titan
Aiko	82D
DaTang	D201
Delta Network	WM78-81
Huawei	E156, E160, EC168C, E169, E172, E180, E180(dna), E182E, E220, E226, E230, E270 E1552, E1750, E1752, E1762, K3715
Giant	D301
Merlin	XU870
Nokia	CS-15
Novatel	MC950D
Option	ICON225, ICON401, ICON505
Sierra	MC8700, MC8775, MC8790, MC8792V, MC8795V
SIPTune	LM-75
Solomon	S3GM-645-11, S3GM-646, S3GM-690
Sony Ericsson	MD300
ZTE	MF622, MF636, MF668