



MStation2

802.11b/g/n Wireless Router w/ 3G and HDD Support

Technical Specifications

System Information

Radio Information

Software Information

Power and Environmental Information

System Information

Processor	Ralink RT3052 Networking Processor
Memory	32MB
Flash	8M
Interface	Wireless: 802.11b/g/n WAN: One 10/100 Base Ethernet Port (with Auto MDI/ MDIX) LAN: Four 10/100 Base Ethernet Port (with Auto MDI/ MDIX) USB: One USB 2.0 Port Button: One WPS button and One load default reset button

Radio Information

Antenna	Two 5dBi OMNI high gain antenna		
Data Rate	802.11n: Up to 300Mbps		
Modulation	BPSK, QPSK, CCK, OFDM		
Channel Bandwidth	20MHz/ 40MHz		
Frequency Range	2412 ~ 2462MHz (North America) 2412 ~ 2472MHz (Japan) 2412 ~ 2472MHz (Hong Kong) 2412 ~ 2472MHz (France) 2412 ~ 2472MHz (Taiwan) 2412 ~ 2472MHz (Ireland)		
Output Power	24±1.5dBm @ 6Mbps 24±1.5dBm @ 12Mbps 23±1.5dBm @ 18Mbps 23±1.5dBm @ 24Mbps 22±1.5dBm @ 36Mbps 20±1.5dBm @ 48Mbps 19±1.5dBm @ 54Mbps	23±1.5dBm @ MCS0 23±1.5dBm @ MCS1 21±1.5dBm @ MCS2 21±1.5dBm @ MCS3 19±1.5dBm @ MCS4 18±1.5dBm @ MCS5 17±1.5dBm @ MCS6 16±1.5dBm @ MCS7	23±1.5dBm @ MCS8 23±1.5dBm @ MCS9 21±1.5dBm @ MCS10 21±1.5dBm @ MCS11 19±1.5dBm @ MCS12 18±1.5dBm @ MCS13 17±1.5dBm @ MCS14 16±1.5dBm @ MCS15
Receiver Sensitivity	-96±1.5dBm @ 6Mbps -96±1.5dBm @ 12Mbps -96±1.5dBm @ 18Mbps -96±1.5dBm @ 24Mbps -87±1.5dBm @ 36Mbps -83±1.5dBm @ 48Mbps -81±1.5dBm @ 54Mbps	-96±1.5dBm @ MCS0 -96±1.5dBm @ MCS1 -93±1.5dBm @ MCS2 -91±1.5dBm @ MCS3 -87±1.5dBm @ MCS4 -84±1.5dBm @ MCS5 -80±1.5dBm @ MCS6 -77±1.5dBm @ MCS7	-95±1.5dBm @ MCS8 -95±1.5dBm @ MCS9 -92±1.5dBm @ MCS10 -90±1.5dBm @ MCS11 -86±1.5dBm @ MCS12 -83±1.5dBm @ MCS13 -79±1.5dBm @ MCS14 -76±1.5dBm @ MCS15

Software Information

Wireless Feature	<ul style="list-style-type: none"> ● Support WDS. ● Support Bridge, Gateway, Client and AP+ Client mode. ● Support Multiple SSID ● Support MBSSID AP Isolation ● Support AP Isolation ● Support Auto block ACK
Network Feature	<ul style="list-style-type: none"> ● Support DHCP Server ● Support DHCP Client ● Support PPPoE ● Support L2TP ● Support PPTP ● Support 3G modem (NUMU-Q101/ HUAWEIE169/ BAND LUXE C270/ OPTIO TCON225) ● Support 802.11e QoS - WMM ● Support USB file share ● Support STP (Spanning Tree Protocol) ● Support NTP ● Support UPNP ● Support Bit Torrent
Security Feature	<ul style="list-style-type: none"> ● Support WEP 64/128, WPA-PSK, WPA2-PSK, WPA-RADIUS, WPA2-RADIUS, WPS and 802.1x encryption mode for wireless. ● Support IP table firewall, MAC/ IP/ Port filter.
Management Feature	<ul style="list-style-type: none"> ● Factory load default ● SAMBA Server ● FTP Server ● DDNS ● MAC Access Control ● Firmware Upgrade

Power & Environmental Information

DC Jack Input	Range 12V ~ 18V @2A (DC Voltage)
PoE	WAN Port Passive PoE (12V ~ 18VDC) input
Power Consumption	14W Max
Operation Temperature	-20°C to +65°C
Storage Temperature	-60°C to +150°C
Humidity	5% ~ 98% non-condensing
Dimension	165 mm x 30 mm x 158 mm
Weight	340g