

# 1200M Desktop Wireless Router

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Model WR1200GX — Datasheet



## Highlights

- Powered by a high-performance enterprise-grade chipset, delivering strong processing capabilities for higher wireless throughput, increased network capacity, faster data handling, and more stable connectivity.
- Up to 1200Mbps wireless transmission rate.
- Dual-band concurrent operation on 2.4GHz and 5GHz, providing stronger interference resistance, faster speeds, and more reliable wireless performance.
- Supports Router Mode, WISP Mode, Bridge Mode, and Repeater Mode, enabling flexible deployment across different networking scenarios.

- Equipped with 2 × 5dBi high-gain 2.4GHz omnidirectional antennas and 2 × 5dBi high-gain 5GHz omnidirectional antennas.
- Built-in high-power signal amplifiers and enhanced receivers for improved sensitivity, stronger signals, and wider coverage.
- Features 1 × Gigabit WAN port and 4 × Gigabit LAN ports.
- Supports a high number of concurrent users while maintaining stable, reliable, and interference-free performance.
- Compact, modern, and minimalist enclosure design with optimized heat dissipation for enhanced operational stability.
- Ideal for a wide range of indoor applications, including homes, apartments, hotels, rental properties, and small businesses.

## Specifications

Product Specifications		
Product Name	1200M Desktop Wireless Router	
Model	WR1200GX	
Hardware Specifications		
<b>Hardware Platform</b>	Chipset	MT7621AT + MT7612E + MT7603E
	Memory	DDR2 128 MB
	Flash	8 MB
<b>Wireless</b>	Standards	IEEE 802.11 a/b/g/n/ac
	Frequency	2.4 GHz: 2.412 – 2.462 GHz 5 GHz: 5.180 – 5.805 GHz
	Data Rate	2.4 GHz: up to 300 Mbps 5 GHz: up to 867 Mbps
	Transmit Power	2.4 GHz: 20 dBm 5.8 GHz: 20 dBm
<b>Interfaces</b>	Ethernet	5× 10/100/1000 Mbps RJ45 (1× WAN + 4× LAN)
	Power Input	1× DC jack, supports DC 12V/1A
	Button	1× RESET (pin-hole)
	Antennas	2× 5 dBi high-gain 2.4 GHz omnidirectional Wi-Fi 2× 5 dBi high-gain 5 GHz omnidirectional Wi-Fi
<b>LED Indicators</b>	Front Panel	PWR, 2.4G, 5G, WAN, LAN1, LAN2, LAN3, LAN4
<b>Power</b>	Input Rating	DC 12V / 1A
	Power Consumption	≤ 5 W
<b>Included Accessories</b>	Router (main unit)	×1

	DC 12V/1A Power Adapter	×1
	User Manual	×1
	Certificate of Conformity	×1
<b>Physical</b>	Dimensions	218 × 130 × 187 mm (incl. antennas)
	Color	Black
	Unit Weight	0.45 kg
	Box Dimensions	235 × 245 × 55 mm
	Carton Dimensions	585 × 490 × 268 mm
	Carton Quantity	20 pcs/carton
	Carton Weight	10.5 kg
<b>Environmental</b>	Ingress Protection	IP31
	Mounting	Desktop / Wall-mount
	Operating Temp.	−40 °C to 55 °C
	Storage Temp.	−40 °C to 70 °C
	Operating Humidity	10% – 90% RH (non-condensing)
	Storage Humidity	5% – 95% RH (non-condensing)
<b>Software Specifications</b>		
<b>Operating Modes</b>	Supported Modes	Router, WISP, Bridge, Repeater
<b>System Status Display</b>		Yes
<b>Network</b>	WAN Connection Type	PPPoE, Static IP, DHCP
	MAC Address Clone	Yes
	Network Status Display	Yes
	WAN Settings	Yes
	LAN Settings	Yes
	DHCP Settings	Yes
<b>Wireless Settings</b>	Wireless Status Display	Yes
	SSID Edit	Yes
	SSID Broadcast	Yes
	SSID Hidden	Yes
	Radio Mode	2.4 GHz: 802.11 b/g/n 5.8 GHz: 802.11 a/n/ac
	Channel Width	2.4 GHz: 20 / 40 MHz 5.8 GHz: 20 / 40 / 80 MHz
	Auto Channel	Yes
	Manual Channel	Yes
	Encryption	WPA2-Personal (AES) Mixed WPA/WPA2-Personal (TKIP & AES)

	Guest Network	Yes
	User Management	Yes
<b>Client Management</b>	Client Management	Yes
<b>Firewall</b>	IP/Port Filtering	Yes
	MAC Filtering	Yes
	URL Filtering	Yes
	Port Forwarding	Yes
	WAN Ping	Yes
	DMZ	Yes
	UPnP	Yes
	Static Routing	Yes
<b>System Management</b>	Admin Password	Yes
	Firmware Upgrade	Yes
	Reboot	Yes
	Time Zone	Yes
	Factory Reset	Yes