



## **N300 Mbps WIRELESS ROUTER**

### **PRODUCT OVERVIEW**

The MWE624Y5 Wireless 300 M Router is an attractive, high performance router that makes it easy to share your broadband Internet connection with all your devices. Simply connect it to your broadband modem, then use the web based Setup Wizard that guides you step by step through the configuration process. Whether you're surfing the web on your desktop or relaxing on the couch with your laptop, the MWE624Y5 keeps you connected wherever you are in your home.

MWE624Y5 chipset is MT7628, MediaTek MT7628 family are the new generation of 2T2R 802.11n Wi Fi AP/Router (SoC). MT7628 improve the RF performance, reduce power consumption and optimize the BOM cost and make it as the best cost/performance 2x2 11n solution. The MT7628 family integrates a 2T2R 802.11n Wi Fi radio, a 580MHz MIPS® 24KEc™ CPU.

Registered Office: E- home lot Pvt.Ltd.  
Ideal Centre, 1st Floor,9 A.J.C Bose road  
Kolkata:700017  
Email: sales@ehoome.in  
Website: www.ehoome.in

Delhi Office : C-171,Ground Floor  
Defense Colony  
New Delhi: 110024

Factory: A-13, Sector-83,  
Phase-II,Noida,  
U.P: 201301

Manufacture by:  **e Hoome IoT**  
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# PRODUCT SPECIFICATION

<b>Model</b>	<b>MWE624Y5</b>
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# HARDWARE SPECIFICATION

<b>Interface</b>	WAN Port:	1 x 10/100 Mbps auto MDI/MDI-X RJ45 port
	LAN Port:	3 x 10/100 Mbps auto MDI/MDI-X RJ45 port (LAN1~3)
<b>Antenna</b>	Gain	2x5dBi 2.4G external antenna
<b>Button</b>		1 x Reset/WPS button
<b>LED Indicators</b>		4 LED(GPIO Mode), Power, 2.4G, LAN
<b>Chipset</b>		Main Chip - MT7628, 2.4G Chip - MT7628
<b>Flash / DDR</b>		16M/64 MB
<b>Material</b>		Plastic
<b>Dimensions (W x D x H)</b>		172x121x33mm
<b>Working Environment</b>		Working temperature:-30--50°C, Working humidity: 10%-90%RH,
		Storage temperature:-40--70°C, Storage humidity: 5%-90%RH
<b>Power Requirement</b>		12V DC, 1A
<b>Power Button</b>		Support

# WIRELESS INTERFACE SPECIFICATIONS

<b>Standard</b>	IEEE 802.11b/g/n 2.4GHz
<b>Data Rates</b>	2.4GHz up to 300Mbps
<b>Channel</b>	2.4GHz
	FCC (America): 2.412~2.462GHz (11 Channels)
	ETSI (Europe): 2.412~2.472GHz (13 Channels)
<b>Channel Width</b>	802.11n: 20/40MHz
<b>Max. RF Power / EIRP</b>	2.4GHz: < 30dBm
<b>Receive Sensitivity</b>	2.4GHz
	11b (11Mbps): -79dBm
	11g (54Mbps): -68dBm
	11n (20M) mode: -67dBm
	11n (40M) mode: -64dBm
<b>SSID</b>	2.4GHz: 1 Root SSID and 4 Guest SSID

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# SOFTWARE FEATURES

<b>Work mode</b>	Router/Bridge
<b>Network Setting</b>	STATIC/DHCP/PPPOE
<b>IPV6 /IPV4</b>	IPv6v4 dual stack Ipv6 only Ipv4 only
<b>VPN</b>	Support PPTP/L2TP/IPSEC Service Support PPTP/L2TP/IPSEC Client
<b>DHCP Server</b>	DHCP Server Client List Static Address allocation
<b>System</b>	Openwrt
<b>Security Setting</b>	Client Filter, Mac Filter, URL Filter, Security Level Port forwarding, DMZ Service, Upnp Service, ALG setting
<b>DDNS</b>	Support
<b>System Log</b>	Support
<b>Web Browser</b>	Phone web/PC web
<b>IPTV</b>	Support
<b>Wireless security</b>	WPA-PSK/WPA2 PSK SSID hiding, intelligent anti-scratch
<b>Lan</b>	Lan Setting
<b>Quick start guide</b>	Support
<b>WPS</b>	Support
<b>Parental Control</b>	Support
<b>Quick start guide</b>	Support

# PACKING LIST

Wireless Gateway	1 No
Power Supply adapter	1 No
Ethernet cable	1 No

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