



### Description

WE3826 uses the MT7620N, CPU up to 580Mhz, has large capacity SDRAM and highspeed SPI FLASH, provides 5 10/100Mbps Auto-MDI/MDIX port and 2.4Ghz wireless network, meets many kinds of wireless applications, much better cost-performance.

Wireless: Supports 802.11b/g/n network protocol, transmission rate up to 300Mbps, 4 external antennas, covers a larger area.

Software: The most stable system EOS, easy use for home user.

### Features

- MT7620N CPU, 580Mhz, powerful performance and works stably
- Supports IEEE 802.11b, IEEE 802.11g, IEEE 802.11n wireless network protocol
- Supports IEEE 802.3, IEEE 802.3u standard, 1 \* 10/100MAuto-MDI/MDIX WAN port; 4 \*10/100MAuto-MDI/MDIX LAN port.
- Wireless rate up to 300Mbps
- One push to rest mode.
- Supports several encryption modes, such as WEP, WPA, WPA2 and so on.

## SPECIFICATION

### Hardware

<b>Main CPU:</b>	MT7620N/580MHZ
<b>RAM:</b>	SDRAM 64MB (Max SDRAM 64MB)
<b>FLASH:</b>	SPI 8MB (Max16MB)
<b>Protocol:</b>	IEEE802.11n/802.11g/802.11b/802.3/802.3u
<b>WiFi Rate:</b>	Max 300Mbps
<b>Work Frequency:</b>	2.4GHZ
<b>RT Power:</b>	11N: 15dBm±2dBm 11G: 15dBm±2dBm 11B: 18dBm±2dBm
<b>Reception Sensitivity:</b>	11N: -68dBm 11G: -70dBm 11B: -82dBm
<b>Antenna:</b>	4 external antennas
<b>Interface:</b>	1* 10/100M Auto-MDI/MDIX WAN 4* 10/100M Auto-MDI/MDIX LAN port ;
<b>LED:</b>	Power/WLAN/WAN/LAN1/LAN2/LAN3/LAN4
<b>Button:</b>	Reset
<b>Max Consumption:</b>	< 5W

### Software

<b>WAN Type:</b>	PPPoE, Dynamic IP, Static IP
<b>Work Mode:</b>	AP; Router
<b>DHCP:</b>	Server, Client, DHCP Client List, Address Reservation
<b>Throughput:</b>	1200 Mbps
<b>Port Forwarding:</b>	Virtual Server, Port Triggering, UPnP, DMZ
<b>Firewall Security:</b>	Dos, SPI Firewall IP Address Filter/MAC Address Filter/ Domain Filter IP and MAC Address Binding
<b>DDNS:</b>	Support
<b>WEB Style Change:</b>	Support
<b>Band Ctrl:</b>	Support
<b>Static Router:</b>	Support
<b>System Log:</b>	Support
<b>Other:</b>	Mac clone
<b>Function:</b>	NTP Synchronize Web firmware upgrade

### Others

<b>Work Environments:</b>	Operating Temperature: 0°C ~ 40°C; Storage Temperature: -40°C ~ 70°C; Operating Humidity: 10%~90% non-condensing Storage Humidity: 10%~90% non-condensing
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<b>Adapter:</b>	5V 1A
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