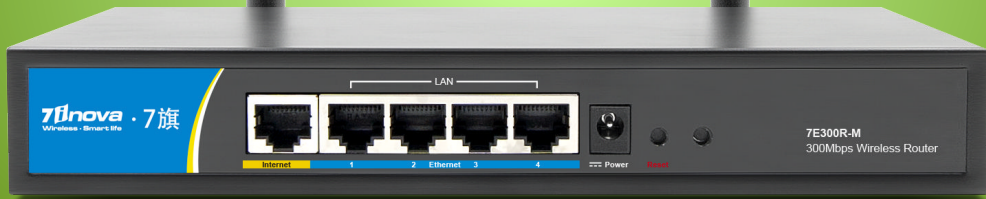


You are sure of  
a fast and  
stable Internet  
with **IT.**



Wireless speed  
up to 300Mbps

## 300Mbps Multi-function Wireless-N Router

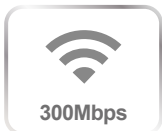
## 7E300R-M

Create a powerful wired/wireless network?

7E300R-M is a combined wired/wireless 300Mbps multi-function wireless N router designed specifically for small business and home office networking requirements. advanced wireless performance make it ideal for streaming HD video, making VoIP and online gaming.

As the heart of our network, 7E300R-M is equipped with Qualcomm chipset and 2x7dbi external antenna, it allows you to share wireless Internet, stream movies and music across your network and share devices such as a printer or hard disk.

Also, WPS button exterior ensures WPA2 encryptions, preventing the network from outside intrusions.



300Mbps



**MIMO**

2T2R

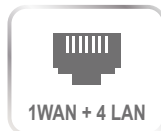


Security



**WPS**

One Button WPS



1WAN + 4 LAN



WatchDog



**QOs**

QOS Control

# FEATURES

- Complies with IEEE 802.11n, IEEE 802.11g, IEEE 802.11b standards
- Support 2.4GHz WLAN networks, Provides up to 300Mbps transmission rates
- WEP, WPA, and WPA2 to ensure network security from unauthorized access
- Two 7dbi antennas greatly increase the wireless robustness and stability
- Easy wireless security encryption at a push of WPS button
- Wireless Auto-channel selection



# ★ TECHNICAL SPECIFICATIONS

## HARDWARE

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Chipset: Qualcomm QCA9533 560MHz

Memory: DDR 64M 400MHz

Flash: 8M

Antenna: 2\*7dbi external fixed antenna

Interface:  
1x10/100M WAN port  
4x10/100M LAN port

## WIRELESS

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Standard:  
IEEE 802.11b, IEEE 802.11g, IEEE 802.11n,  
IEEE 802.3, IEEE 802.3u

Speed:  
802.11b: 11, 5.5, 2, 1 Mbps  
802.11g: 54, 48, 36, 24, 18, 12, 9, 6Mbps  
802.11n: 300Mbps(Max)

Channels: 1~11 (North America), 1~13 (Europe), 1~14 (Japan)

Frequency: 2.400~2.4835GHz

Band Width: 20MHz, 40MHz optional (Auto)

Modulation:  
802.11b: DSSS (CCK, DQPSK, DBPSK)  
802.11g/n: OFDM (BPSK, QPSK, 16QAM, 64QAM)

RF Power:  
802.11b 11Mbps: 20dB ±1dBm  
802.11g 54Mbps: 17 ±1.5dBm  
802.11n 135Mbps: 15 ±1.5dBm

Receiving sensitivity:  
135M: -73dBm@10% PER  
54M: -75dBm@10% PER  
11M: -86dBm@8% PER  
6M: -89dBm@10% PER  
1M: -93dBm@8% PER

## OTHER

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LED Indicators:  
WIFI indicator, SYS indicator, Power indicator, WAN indicator,  
LAN(1-4port indicator)

Cable:  
10Base-T: CAT3 UTP;  
Above 100Base-TX: CAT5E UTP

Power: DC 9V-12V

Management: LAN; Internet

Environment:  
Working Temperature: 0°C- 40°C  
Working Humidity: 10% -90% RH Non condensing  
Storage Temperature: -40°C---70°C;  
Storage Humidity: 5%---90% RH Non condensing

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**NOTE:** Specifications subject to change without prior notice.