



LM-009 **Worlds Smallest**

Wireless 3G Pocket Router N

The LM009 Wireless 3G Pocket Router N is a simple user-friendly solution that brings wireless networking to your laptop or desktop PC. With transfer rates of up to 150 Mbps you can connect to a wireless network at home, at the office or in any wireless hotspot. The LM009 has a USB port to which you can connect a 3G usb modem or a USB storage device. Now you can stay connected wherever you are and wherever you go. Its small form factor means it can fit in the palm of your hand.

The LM009 is compatible with other 802.11b / 802.11g or 802.11 n Wi-Fi compliant devices such as wireless router, access point or usb adapter. We have also launched the LM006 Nano Wi-Fi USB Adapter to compliment the LM009. It also supports up to 150Mbps high-speed networking solutions, using minimum power consumption.

The LM006 and LM009 take advantage of the latest wireless technology and make it possible for not only experienced users, but also beginners to easily create a fast secure wireless connection at home or in the office.



Product Features:

- Provides 802.11b/g and n wireless networking to all desktop and laptop computers
- Web based management and configuration - not OS dependant; Setup Wizard mode.
- Compatible with all 802.11b, 802.11g and 802.11n devices
- USB connectivity for 3G modems and network storage solutions
- Supports IEEE 802.1x, 64bit/128 bit WEP, WPA, WPA2 encryption/decryption and WPA with Radius
- Wi-Fi Protected Setup (WPS)
- Firewall security - port, IP, MAC and URL filtering; port forwarding and DMZ hosting functions available.
- Dynamic DNS and NTP client service
- DHCP Client, static IP, PPPoE, PPTP, L2TP protocols supported on WAN interface
- Supports bridging, routing and WISP functions between wired and wireless interfaces
- DHCP Server to provide clients with auto IP address assignments and static DHCP functions



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Technical specification

OS Compatibility:

- Windows XP 32bit & 64bit, Vista 32bit & 64bit, Windows 7 32bit & 64bit, Mac OS 10.4 &10.5, Linux Ubuntu

Data Rate:¹

- Up to 150 Mbps
- 802.11b: 11, 5.5, 2 & 1 Mbps
- 802.11g: 90, 60, 54, 48, 36, 30, 24, 22, 18, 12, 11, & 6Mbps
- 802.11n: 300, 270, 240, 180 and 120Mbps
- Compatible with IEEE 802.11b / IEEE 802.11g and IEEE 802.11n

Encryption:

- 64-bit / 128-bit WEP, WPA, WPA2, WPS, TKIP, AES

Physical Specification:

- Chipset: Realtek RTL8196B
- Antenna: On board chip antenna
- LED: Power, WLAN, WAN/LAN (Link/Act)
- Interface: LAN - One 10/100 BaseT with RJ45 port
WAN - One 10/100 BaseT with RJ45 port
USB - One USB 2.0 port

- Height: 23 mm (0.905 in)
- Length: 100 mm (3.937 in)
- Width: 67 mm (2.638 in)
- Weight: 99 grams

Environmental Specifications:

- Transmission Class: Class 1 - up to 300 meters
- Operating Temperature: 0°C to +50°C
- Operating Range:² Indoors: Up to 100m (328 feet),
Outdoors: Up to 280m (919 feet)

Power Consumption:

- 5V DC Power Adapter
- Transmit: <380 mA
- Receive: <250 mA
- Transmitter Power: 17 dBm at 11b, 15dBm at 11g, 13dBm at 11n
- Receive Sensitivity: 11Mbps: -80dBm@8% FER
- Modulation Method: BPSK / QPSK / 16-QAM / 64-QAM

Warranty:

- 12 months warranty

Certification:

- CE, FCC and RoHS

System Requirements

- PC/Laptop with Wireless connectivity enabled

Package Contents

- LM Technologies Wi-Fi Wireless 3G Pocket Router N
- 5V DC Power Supply
- CD-ROM with full documentation
- Quick Install Guide
- Warranty/Support Card

LM Technologies Related Products

- LM001 54Mbps Wi-Fi USB Adapter
- LM005 300Mbps Wi-Fi USB Adapter
- LM006 Wi-Fi Nano USB Adapter
- LM007 Wi-Fi Pocket Router

Retail Specification:

- Package Height: 15mm
- Package Length: 150mm
- Package Width: 160mm
- Package Weight: 72 grams

- EAN: 5060077840058

- Carton Qty: 100
- Net Weight: 7.50 Kg
- Gross Weight: 8.4 Kg
- Carton Dimension:
Length: x Width: x Height: Available on Request
Volumetric: Available on Request

Notes:

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¹ Maximum wireless data rate derived from IEEE standard 802.11b, 802.11g and 802.11n specifications. Actual throughput will vary. Network conditions and environment factors, including volume of network traffic, building materials and construction, and network overhead lower actual data throughput rate.

² Environmental conditions may affect wireless signal range.