



LM-001

802.11 b/g Wi-Fi USB Adapter

Best Selling Wi-Fi USB Adapter on Amazon

The LM001 Wi-Fi USB Adapter is a convenient Plug & Play USB 2.0 solution that brings wireless networking to your laptop or desktop PC. With transfer rates of up to 54 Mbps you can connect to a wireless network at home, at the office or in any wireless hotspot. Now you can stay connected wherever you are and wherever you go.

Supports the features and functional compliance of IEEE 802.11b/g standard. The dongle is designed to provide good performance with minimum power consumption and enhance the advantages of a robust system while being cost effective. Offering better power management than most Wi-Fi adapters on the market.

The LM001 is compatible with other 802.11b or 802.11g Wi-Fi compliant devices such as wireless router, access point or adapter.



Product Features:

- Provides 802.11b wireless networking to all desktop and laptop computers
- Fits any industry standard USB slot (compatible with USB interface versions 1.0, 1.1 and 2.0)
- Compatible with all 802.11b and 802.11g devices
- Supports 64 bit and 128 bit WEP wireless data encryption
- Supports WPA enhanced wireless data encryption
- Can be setup as a infrastructure network via a router/access point
- Can be setup as a ad-hoc network via peer to peer communications
- Friendly user configuration and diagnostic utility
- Profiles allows mobile users to save settings for different connections

The LM001 is supported on any of the platforms shown below.





LM-001

Wi-Fi USB Adapter

Technical specification

OS Compatibility:

- Windows 98SE, ME, 2000, XP, Vista, Win 7, Mac OS 10.3 and above, Linux

Data Rate:¹

- Up to 54 Mbps
- 802.11b: 11, 5.5, 2 & 1 Mbps
- 802.11g: 54, 48, 36, 24, 18, 12, 9, & 6Mbps
- Compatible with IEEE 802.11b / IEEE 802.11g

Encryption:

- 64-bit / 128-bit WEP (wired equivalent privacy) and WPA

Physical Specification:

- Chipset: Zydas 1211B
- Interface: High Speed USB 2.0
- Antenna: On board chip antenna
- Height: 10 mm (0.393 in)
- Length: 76 mm (2.992 in)
- Width: 27 mm (1.063 in)
- Weight: 15 grams

Environmental Specifications:

- Transmission Class: Class 1 - up to 300 meters
- Operating Temperature: 0°C to +55°C
- Operating Range:² Indoors: Up to 100m (328 feet),
 Outdoors: Up to 400m (1,312 feet)

Power Consumption:

- Transmit: <350 mA
- Receive: <260 mA
- Transmitter Power: 17 dBm
- Receive Sensitivity: 11Mbps: 80 dBm @ 8% FER
- Modulation Method: IEEE 802.1b DBPSK / DOPSK / CCK

Warranty:

- 12 months warranty

Certification:

- CE, FCC and RoHS

System Requirements

- Pentium Class PC
- Available USB port
- Windows 98SE, ME, 2000, XP, Vista, Win 7, Mac OS 10.3 and above, Linux
- 4 Mbytes of free hard disk space

Package Contents

- LM Technologies Wi-Fi USB Adapter G
- CD-ROM with drivers and documentation
- Quick Install Guide
- Warranty/Support Card

LM Technologies Related Products

- LM005 300Mbps Wi-Fi USB Adapter
- LM006 Nano USB Adapter N
- LM007 Wi-Fi Pocket Router
- LM009 Wi-Fi 3G Pocket Router

Retail Specification:

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

- EAN: 5060077840010

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

Notes:

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1 Maximum wireless data rate derived from IEEE standard 802.11b and 802.11g 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.