



Datasheet

Linksys E2100L | Advanced Wireless-N Router



Linux OS
USB Port for Network Attached Storage

From the worldwide leader in wireless networking

Features

- Linux OS
- USB port and built-in UPnP AV media server for connecting and sharing files and streaming multimedia throughout your home and over the Internet
- Detachable antennas
- Up to 300 Mbps wireless speeds*
- Give visitors simple and password-protected Internet access
- WPA, WPA2, and other enhanced security features

Specifications

Model Name	Linksys E2100L
Description	Advanced Wireless-N Router
Model Number	E2100L
Standards	802.3, 802.3u, 802.11b, 802.11g, 802.11n
Ports	Internet, Ethernet [1-4], USB, Power
Buttons	Wi-Fi Protected Setup, Reset
LEDs	LAN [1-4], Wi-Fi Protected Setup™, Wireless, Internet, Power
Cabling Type	CAT 5e
Number of Antennas	2
Connector Type	R-SMA
Detachable (Yes/No)	Yes
RF Pwr (EIRP) in dBm	802.11n: HT20: Typ. 17 +/-1.5 dBm @ Normal Temp Range (2 Chains) HT40: Typ.: 15 +/-1.5 dBm @ Normal Temp Range (2 Chains) 802.11g: Typ.: 15 +/- 1.5 dBm @ Normal Temp Range 802.11b: Typ.: 19 +/- 1.5 dBm @ Normal Temp Range
Receive Sensitivity	802.11n HT40/MCS15 270 Mbps: -67 dBm 10% PER 802.11n HT40/MCS0 13.5 Mbps: -75 dBm 10% PER 802.11n HT20/MCS15 130 Mbps: -69 dBm 10% PER 802.11n HT20/MCS0 6.5 Mbps: -79 dBm 10% PER 802.11g 54 Mbps: -74 dBm 10% PER 802.11g 6 Mbps: -84 dBm 10% PER 802.11b 11 Mbps: -86 dBm 10% PER 802.11b 1 Mbps: -92 dBm 10% PER
Antenna Gain in dBi	802.11g: 2.4 GHz <= 1.8 dBi 802.11n: 2.4 GHz <= 1.8 dBi
UPnP able/cert	Able

Security Features	WEP, WPA, WPA2, RADIUS, SPI Firewall
Security Key Bits	Up to 128-Bit Encryption
Supported File Systems for Storage Device	FAT16, FAT32, NTFS
Environmental	
Dimensions	7.98" x 1.30" x 6.27" (202.79 x 33.14 x 159.18 mm)
Weight	9.98 oz (283 g)
Power	12V / 1.5A (switching)
Certification	FCC, UL, cUL, IC, RSS210, CE
Operating Temperature	32 to 104°F (0 to 40°C)
Storage Temperature	-4 to 140°F (-20 to 60°C)
Operating Humidity	10 to 80% Noncondensing
Storage Humidity	5 to 90% Noncondensing

Minimum System Requirements

- **Internet Browser:** Internet Explorer 6, Safari 3, or Firefox 2 for Optional Browser-Based Configuration
- **PC:** Wireless Network-Enabled PC with CD or DVD Drive, Running Windows XP SP3, Windows Vista SP1, or Windows 7
- **Mac:** Wireless Network-Enabled Mac with CD or DVD Drive, Running OS X Tiger 10.4.11, Leopard 10.5.8, or Snow Leopard 10.6.1

Package Contents

- Linksys E2100L Advanced Wireless-N Router
- Setup Software and User Guide on CD-ROM
- Ethernet Network Cable
- Removable Antennas
- USB Extension Cable
- Power Adapter

*The maximum performance for wireless is derived from IEEE Standard 802.11 specifications. Actual performance can vary, including lower wireless network capacity, data throughput rate, range and coverage. Performance depends on many factors, conditions and variables, including distance from the access point, volume of network traffic, building materials and construction, operating system used, mix of wireless products used, interference and other adverse conditions.

Specifications are subject to change without notice.

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