Datasheet

Linksys E4200 | Maximum Performance Dual-Band N Router

Simultaneous Dual-Band (2.4 and 5 GHz)
Gigabit Ethernet (10/100/1000) Ports
Maximum Wireless Speed (300 + 450 Mbps)

From the worldwide leader in wireless networking

Features

- Wireless-N Technology – Built to the latest 802.11n standard for optimal speed and range

- Simultaneous Dual-Band – Double your network bandwidth to avoid interference and get maximum throughput

- 4 Gigabit Ports – Connect computers, game consoles, media players, and more at superior wired speeds

- Maximum Speed – Get ultra-fast transfer rates up to 300 Mbps (2.4 GHz) + 450 Mbps (5 GHz band)*

- Optimal Coverage – New 3x3 internal MIMO antenna array to boost range and reduce dead spots

- Advanced Security – WPA/WPA2 Personal and Enterprise encryption to keep your network protected

- Broad Compatibility – Works with all Wi-Fi devices to seamlessly integrate your technology

- QoS – Traffic prioritization technology delivers optimum performance for entertainment and VoIP

- USB Port – Connect a USB flash or hard drive to add storage to your network

- UPnP AV Media Server – Share and stream your stored photos, music, video, and data files

Specifications

Model Name	Linksys E4200
Description	Maximum Performance Dual-Band N Router
Model Number	E4200
Standards	802.11n, 802.11a, 802.11g, 802.11b, 802.3, 802.3u, 802.3ab
Radio Frequency	2.4 and 5 GHz
Switch Port Speed	10/100/1000 Mbps (Gigabit Ethernet)
Ports	Power, USB, Internet, Ethernet (1-4)
Buttons	Reset, Wi-Fi Protected Setup
LEDs	Top Panel: Power, Back Panel: Internet, Ethernet (1-4)
Number of Antennas	6 Total, 3 Internal Antennas per Each 2.4 GHz and 5 GHz Radio Band
Detachable (Yes/No)	No
Modulation	802.11b: CCK, QPSK, BPSK 802.11g: OFDM 802.11a: OFDM 802.11n: BPSK, QPSK, 16-QAM, 64-QAM

Receive Sensitivity	2.4 GHz 802.11b: -87 dBm @ 11 Mbps (Typical) 802.11g: -77 dBm @ 54 Mbps (Typical) 802.11n: 20 MHz: -71 dBm @ MCS15 (Typical) 802.11n: 40 MHz: -68 dBm @ MCS15 (Typical) 5 GHz 802.11a: -71 dBm @ 54 Mbps (Typical) 802.11n: 20 MHz: -70 dBm @ MCS23 (Typical) 802.11n: 40 MHz: -68 dBm @ MCS23 (Typical)
Antenna Gain in dBi	2.4 GHz (3 internal PIFA antennas) PIFA 1 <= 3.6 dBi (Right) PIFA 2 <= 3.8 dBi (Left) PIFA 3 <= 3.8 dBi (Front) 5 GHz (3 internal PIFA antennas) PIFA 1 <= 4.8 dBi (Right) PIFA 2 <= 5.3 dBi (Left) PIFA 3 <= 5.2 dBi (Front)
Supported File Systems for Storage Device	FAT32, NTFS, and HFS+
UPnP	Supported
Security Features	WEP, WPA, WPA2
Security Key Bits	Up to 128-Bit Encryption

Environmental

Dimensions	8.86" x 0.98" x 6.30" (225 x 25 x 160 mm)
Weight	12.52 oz (355 g)
Power	12V, 2A
Certification	FCC, IC, CE, Wi-Fi a/b/g/n, Windows 7
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% Relative Humidity and Noncondensing
Storage Humidity	5 to 90% Noncondensing

Minimum System Requirements

- **Internet Browser**: Internet Explorer 7, Safari 4, or Firefox 3 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 E4200 Maximum Performance Dual-Band N Router

- CD-ROM with Cisco Connect software for easy setup

- Ethernet network cable

- Quick Installation Guide

- 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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