

802.11n Wireless USB 2.0 Adapter EUB-9701EXT2



The EnGenius EUB-9701EXT2 is a draft 802.11n compliant wireless client for your desktop or notebook PC that delivers up to 12x faster speeds and 4x farther range than an 802.11g network while staying backward compatible with 802.11g and 802.11b networks. Once connected, you can share a high-speed Internet connection, photos, files, music, printers, and more.

Specifications

Features:

- Up to 300Mbps wireless data transfer rate
- Up to 12X Faster & 4X Farther than 802.11g
- Wirelessly Stream HD Video, Share Files, and Go Online
- Enable Superior Reception from Farther Distances
- Backward Compatible with 802.11g and 802.11b Networks

Network:

- **Data Rates:**
1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, 54, 72, 84, 150 and 300Mbps (with 2-stream on both ends)
- **Standards / Compliance:**
IEEE802.3, IEEE802.3u, IEEE802.11b, IEEE802.11g, 802.11n 2.0
- **Security**
WPA/WPA2 (AES, 64,128-WEP with shared-key authentication)
Cisco CCS V1.0, V2.0 and V3.0compliant
- **Regulation Certifications:**
FCC Part 15, ETSI 300/328/CE
- **Operating Voltage:**
5 V \pm 0.25V
- **Drivers:**
Windows 2000/XP/Vista

Physical Specifications:

- **Form Factor:**
USB 2.0
- **Dimensions:**
70(L) mm x 57.5(W) mm x 16(H) mm
- **Antenna Connectors:**
2x RP-SMA
- **Operating Voltage:**
5 V \pm 0.25V

Environmental:

- **Temperature Range:**
Operating: 0°C to 70°C
Storage: -20°C to 80°C
- **Humidity (non-condensing):**
5%~95% Typical

Radio:

- **Frequency Band:**
U.S., Europe and Japan product covering 2.4 to 2.484 GHz, programmable for different country regulations
- **Media Access Protocol:**
Carrier Sense Multiple Access with Collision Avoidance (CSMA/CA)
- **Modulation Technology:**
802.11g: OFDM (64-QAM, 16-QAM, QPSK, BPSK)
802.11b: DSSS (DBPSK, DQPSK, CCK)
- **Operation Channels:**
11 for North America
- **Receive Sensitivity (Typical):**
2.412~2.472G (IEEE802.11b)
-91dBm @ 1Mbps
-90dBm @ 11Mbps
2.412~2.472G (IEEE802.11g)
-90dBm @ 6Mbps
-74dBm @ 54Mbps
2.412~2.472G (IEEE802.11N)
-90 dBm @ MCS 8
-65 dBm @ MCS 15
- **Available Transmit Power *subject to country regulations*:**
2.412~2.472G (IEEE802.11b)
18dBm @1~11Mbps
2.412~2.472G (IEEE802.11g)
15 dBm @6Mbps
14 dBm @54Mbps
2.412~2.472G (IEEE802.11N)
15dBm
- **Antenna Configuration**
2T2R Mode
- **Related Products**
EMP-9701 (802.11n MiniPCI Card)
EUB-9702 (802.11n USB 1T2R)
ESR-9710 (802.11n Gigabit Router)



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