

Optimized for Video

The Wireless-N Access Point with Dual-Band adds wireless capability to your existing wired network, or upgrades older wireless networks to Wireless-N performance. The perfect partner to the Wireless-N Ethernet Bridge (WET610N), it's optimized to reduce video glitches.

Wireless Convenience

You've got the network – now enhance it with Wireless-N access. Now it's easy to grow your network by adding computers, printers and other wireless devices, without stringing cables. Also compatible with Wireless-G and -B devices. Reliable connectivity allows you to move your laptops, or set up your devices all around your home or office.

Easy Configuration

Push-button setup helps make it simple to add devices to your new wireless network. With Wi-Fi Protected Setup™, you just push a button on the Access Point and on your other device to automatically create the wireless connection. Device and security configuration is a snap with the browser-based configuration utility.

Secure Wireless

To help protect your data and privacy, all wireless transmissions can be encrypted with industrial-strength Wi-Fi Protected Access (WPA) security.

DATASHEET

Add high-speed Wireless-N to your existing wired or wireless network

Operates in the 2.4 and 5GHz radio bands – choose the one with least congestion in your area

The perfect partner to the Wireless-N Ethernet Bridge (WET610N) for wireless video streaming



Wireless-N Access Point with Dual-Band

Model: WAP610N

Features

- Add a Wireless-N (802.11n draft 2.0) network to an existing wired or wireless router
- Complies with IEEE 802.11n draft 2.0 (2.4 GHz and 5 GHz), 802.11g, 802.11b and 802.11a standards
- Wi-Fi certified to ensure interoperability
- Industrial-strength wireless encryption WPA2™ to ensure security
- Easy-to-use setup wizard
- Equipped with one 10/100 auto-crossover (MDI/MDI-X) port



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Specifications

Model	WAP610N
Standards	IEEE 802.3u, 802.11g, 802.11b, 802.11a, draft 802.11n
LEDs	Power, Ethernet, Wi-Fi Protected Setup™, Wireless
Ports	Ethernet, Power
Buttons	Reset, Wi-Fi Protected Setup™
Cabling Type	Cat 5
# of Antennas	3 (internal)
Detachable (y/n)	No
Modulations	802.11a: OFDM/BPSK, QPSK, 16-QAM, 64-QAM 802.11b: CCK/QPSK, BPSK 802.11g: OFDM/BPSK, QPSK, 16-QAM, 64-QAM 802.11n: OFDM/BPSK, QPSK, 16-QAM, 64-QAM
RF Power (EIRP) in dBm	802.11a: 15dBm (typical) @ 54Mbps 802.11b: 18dBm (typical) @ 11Mbps 802.11g: 16dBm (typical) @ 54Mbps 802.11n: 12dBm (typical) @ 130Mbps (HT20), 270Mbps (HT40)
Receive Sensitivity in dBm	802.11a: -72dBm (typical) @ 54Mbps 802.11b: -85dBm (typical) @ 11Mbps 802.11g: -73dBm (typical) @ 54Mbps 802.11n: -70dBm (typical) @ MCS15/2.4GHz, -69dBm (typical) @ MCS15/5.0GHz
Antenna Gain in dBi	1.58 (max) for 2.4 GHz and 1.45 (max) for 5 GHz
Wireless Security	WEP, Wi-Fi Protected Access™ 2 (WPA2), Wireless MAC Filtering
Security key bits	Up to 128-bit Encryption
OS Requirements	Windows XP, Vista, or Vista 64-bit Edition with latest updates (for Setup Wizard only)

Environmental

Dimensions	5.71" x 4.17" x 2.05" (145mm x 106mm x 52mm)
Weight	5.61 oz (159 g)
Power	12V, 1A
Certification	FCC, UL/cUL, ICES-003, RSS210, Wi-Fi (IEEE 802.11a/b/g/draft n), WPA2™, Wi-Fi Protected Setup™, WMM®, CE
Operating Temp.	0 to 40°C (32 to 104°F)
Storage Temp.	-20 to 60°C (-4 to 140°F)
Operating Humidity	10 to 85% Noncondensing
Storage Humidity	5 to 90% Noncondensing

Package Contents

- Wireless-N Access Point with Dual-Band
- Setup Software and User Guide on CD-ROM
- Quick Installation Guide
- Network Cable
- Power Adapter

Minimum Requirements

- Wired or Wireless Router
- Wireless Network Adapter or Wireless Ethernet Bridge (802.11g, 802.11b, 802.11a, or draft 802.11n compliant)
- Internet Explorer 6, or Firefox 2 or Higher for Browser-based Configuration
- PC with CD-ROM Drive (for Setup Wizard only)
- Setup Wizard requires Windows XP, Vista, or Vista 64-bit Edition with Latest Updates

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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