



# AirPort Extreme

AirPort Extreme is the new turbocharged version of the cutting-edge technology that lets you connect to the Internet without wires, additional phone lines, or complicated networking hardware—from just about anywhere in your home, school, or office.<sup>1</sup> AirPort Extreme uses the next generation of wireless technology, 802.11g, to deliver nearly five times more bandwidth.<sup>2</sup>

## Key Features

**Work and play at phenomenal speeds.** Share large image files and enjoy multiplayer games at up to 54 Mbps—almost five times faster than the current standard—wirelessly.<sup>2</sup>

**All together now.** Share a single Internet connection simultaneously with up to 50 Mac and PC users.<sup>1</sup> AirPort Extreme has ample bandwidth to go around.

**Wireless printing.** With the power of Mac OS X, all the users on your AirPort Extreme network can print to a USB or Ethernet printer connected to the base station—and they can all do it wirelessly.<sup>3</sup>

**Extremely compatible.** Add Windows PC users to your AirPort Extreme network. The AirPort Extreme Base Station works with earlier AirPort Cards as well as other Wi-Fi certified 802.11b products—and so does the AirPort Extreme Card.<sup>4</sup>

**AirPort security.** Harness the strength of 128-bit encryption and firewall protection so reliable, you can even use it to safeguard the wired computers on your LAN.

**Flexible wireless networking.** Manage your wireless coverage area: Add external antennas to extend your range,<sup>5</sup> use wireless bridging for base station to base station connections, or use the software Transmission Power Control to reduce the range of your network to a single room for added security.

## Technical Specifications

### AirPort Extreme

#### Wireless data rates

- Up to 54 Mbps in AirPort Extreme mode (data rate depends on environment)<sup>2</sup>
- Up to 11 Mbps in 802.11b compatibility mode (data rate depends on environment)

#### Range

- 50-foot range from the base station in typical use at 54-Mbps data rate (range depends on building construction)<sup>2</sup>
- 150-foot range from the base station in typical use at 11-Mbps data rate (range depends on building construction)

#### Frequency band

- 2.4GHz

#### Channels

- Channels 1–11 approved for use in the United States, Canada, Latin America, and Taiwan
- Channels 1–14 approved for use in Japan
- Channels 10–13 approved for use in France
- Channels 1–13 approved for use in other countries

#### Radio output power

- 15 dBm

#### Compatibility

- Products based on IEEE 802.11g draft specification
- Wi-Fi certified IEEE 802.11b products<sup>4</sup>
- Mac computers and Windows-based PCs<sup>6</sup>
- IEEE 802.3, TCP/IP, NAT, DHCP, UDP, FTP, PPPoE, L2TP, DNS, IPSec/VPN Passthrough, SNMP, Telnet
- America Online<sup>7</sup>

#### Included software

- AirPort Setup Assistant to configure the computer and base station for Internet access
- AirPort Admin Utility for base station setup and network administration
- Internet Connect to connect to and disconnect from your ISP, monitor connection status, turn AirPort on and off, change networks, and check signal quality
- AirPort application to monitor connection status, turn AirPort on and off, change networks, and check signal quality

- AirPort menu bar status icon to measure signal quality, change networks, and turn AirPort on and off

### AirPort Extreme Base Station

#### Interfaces

- 10/100BASE-T Ethernet WAN port (RJ-45 connector) for connecting a DSL or cable modem
- 10/100BASE-T Ethernet LAN port (RJ-45 connector) for connecting to wired computers and printers
- USB port for connecting a USB printer<sup>3</sup>
- 56K V.90 modem<sup>8</sup> (RJ-11 connector) for dialup Internet connections (available on selected models)
- External antenna connector for connecting external directional or omnidirectional antennas<sup>5</sup>
- Power port for included power adapter

#### Security

- Wireless security (WEP) configurable for 40-bit and 128-bit encryption
- MAC address filtering
- NAT firewall
- Support for RADIUS authentication
- Support for Cisco LEAP clients

#### Positioning options

- Desktop
- Wall (mounting bracket included)

#### Electrical and environmental requirements

- Line voltage: 100V to 240V AC
- Frequency: 50Hz to 60Hz
- Operating temperature: 32° to 95° F (0° to 35° C)
- Storage temperature: –13° to 140° F (–25° to 60° C)
- Relative humidity (operating): 20% to 90%, noncondensing
- Maximum operating altitude: 10,000 feet
- Maximum storage altitude: 15,000 feet

#### Agency approvals

- FCC Part 15 Class B, Canada RSS-210, EN 300-328, EN 301-489, ARIB STD-T66, RCR STD-T33, AS/NZS 4771:2000, UL 60950, CSA-C22.2 No. 60950

#### Size and weight

- Diameter: 6.9 inches (175 mm)
- Height: 3.2 inches (80 mm)
- Weight (without wall mounting bracket): 1.25 pounds (565 grams)<sup>9</sup>

## Configurations



	<b>AirPort Extreme Base Station M8930LL/A</b>	<b>AirPort Extreme Base Station M8799LL/A</b>
<b>Order number</b>		
Wireless protocol <sup>2</sup>	802.11g	802.11g
10/100BASE-T Ethernet WAN port	Yes	Yes
10/100BASE-T Ethernet LAN port	Yes	Yes
56K V.90 modem <sup>8</sup>	No	Yes
Internal antenna	Yes	Yes
External antenna connector <sup>5</sup>	No	Yes
USB port <sup>3</sup>	Yes	Yes
Service and support	90 days of free telephone support and one-year limited warranty	



	<b>AirPort Extreme Card M8881LL/A</b>	<b>AirPort Card M7600LL/E</b>
<b>Order number</b>		
Wireless protocol <sup>2</sup>	802.11g	802.11b

## System Requirements

### For Macintosh users

- A Macintosh computer with an AirPort Extreme Card or an AirPort Card
- Mac OS X v10.1.5 (with networking update) or later; wireless printing over USB requires Mac OS X v10.2.3

### For PC users

- A PC with a Wi-Fi certified IEEE 802.11b wireless card

## Other Products

- Directional Antenna, order number T6051LL/A
- Omnidirectional Antenna, order number T6052ZM/A

## Extended Service and Support

Purchase the AppleCare Protection Plan to extend the service and support for your Mac to up to three full years. The plan also covers an AirPort Card or AirPort Extreme Card, an AirPort Extreme Base Station, and Apple RAM when used with a Mac covered by the AppleCare Protection Plan. For more information, visit [www.apple.com/support/products](http://www.apple.com/support/products) or call 800-823-2775.

## For More Information

For more information about this product or to purchase Apple products, visit the Apple Store online ([www.apple.com](http://www.apple.com) or 800-MY-APPLE), an Apple Store near you, or an authorized Apple reseller.

Visit the Macintosh Products Guide at [www.apple.com/guide](http://www.apple.com/guide) for the latest information on thousands of hardware and software products for your Mac.

<sup>1</sup>Wireless Internet access requires a wireless-enabled computer, a base station or other access point, and Internet access (fees may apply). Some ISPs are not currently compatible with AirPort and AirPort Extreme. <sup>2</sup>Based on IEEE 802.11g draft specification. Data rates greater than 11 Mbps require an AirPort Extreme Base Station, an AirPort Extreme Card, and an AirPort Extreme-ready computer. To achieve maximum speed of 54 Mbps, all users must use AirPort Extreme Cards. Actual speed will vary based on range, connection rate, and other factors. <sup>3</sup>Wireless printing over USB requires Mac OS X v10.2.3 or later and a compatible printer. <sup>4</sup>The AirPort Extreme Base Station defaults to 802.11b compatibility mode when users of AirPort Cards or other Wi-Fi certified 802.11b products join the network. Maximum data rate for AirPort Cards or other Wi-Fi certified 802.11b products is 11 Mbps. <sup>5</sup>External antenna connector available on selected models only. For use with Apple-approved antennas only; antennas sold separately. <sup>6</sup>Initial AirPort Extreme setup requires an AirPort-enabled Macintosh computer. <sup>7</sup>Compatible with AOL 5.0 or later in the U.S. only. Simultaneous sharing of an AOL connection requires multiple AOL accounts. <sup>8</sup>Actual modem speeds lower; speed depends on connection rate and other factors. <sup>9</sup>Weight varies by configuration and manufacturing process.