

MODELS

Compaq WL Series of Wireless LAN Products

WL100 11 Mb/s Wireless LAN PC Card

146927-001 – North America

146927-B31 – Europe.

WL200 11 Mb/s Wireless LAN PCI Card

146929-001 – North America

146929-B31 – Europe

WL300 11 Mb/s Wireless LAN Software Access Point

157209-B21 – World Wide

WL400 11 Mb/s Wireless LAN Hardware Access Point

158603-001 – North America

158603-B31 – Europe

158603-011 – Australia and New Zealand

158603-031 – United Kingdom

158603-061 – Italy

158603-081 – Denmark

158603-111 – Switzerland

158603-AR1 – South Africa

New levels of freedom with next-generation wireless networking

OVERVIEW

The Compaq WL Series will provide worry-free wireless networking. It will allow enterprise and medium-size accounts to supplement existing wired LANs with wireless solutions or allow small businesses have an affordable, easy-to-install network.

Key Features

- Industry standard IEEE 802.11b High Rate; backward compatible with IEEE 802.11.
- Interoperable with existing network infrastructure
- Easy to install and maintain
- Secure information transmission
- Freedom to roam while staying connected
- Scalable system can grow with your business
- Compatible with Specialty wireless products and services (directional antennas, building-to-building bridges, etc.).

COMPAQ

OVERVIEW *(continued)*

Products

Wireless LAN Cards

The Compaq WL Series includes two 11 Mb/s Wireless LAN cards: the WL100 PC Card and the WL200 PCI Card. These cards send and receive signals to and from one another or from Access Points.

Access Points

The Compaq WL Series also includes two 11 Mb/s Access Points: the WL300 Software Access Point and the WL400 Hardware Access Point. These Access Points connect to a wired network, and transmit network signals to the wireless client PCs. The range of those signals varies (depending on floors and walls, for instance); generally, the range is ~300 feet (up to 1000' open air). Wireless client PCs can "roam" through these access point coverage areas.

Wireless Network Basics

A wireless network can be as simple as two (or more) computers with Wireless Network cards installed, sharing a printer or modem. The network can be extended to cover a broader area by using Access Points, providing network access to other PCs equipped with wireless network cards.

What's special about this product?

Industry standards ensure compatibility

The Compaq WL Series complies with the IEEE 802.11b High Rate standard. In addition, all Compaq WL Series products are proven compatible with industry standard PC and server platforms; major network protocols (TCP/IP, IPX/SPX, NetBEUI); and major Microsoft operating systems (Windows 95, 98, NT 4.0, 2000 and CE)

Easy to install and maintain

Plug and Play installation with step-by-step configuration wizards make setup fast and easy. The AP Manager configuration utility allows IT managers to track and manage traffic across the network – even creating multiple sub-networks in the same physical space.

Secure information transmission

Information is protected by multiple layers of security: data encryption, access point authentication, MAC addressing, and network authentication.

Freedom to roam

Users that can roam are more productive – having real-time information available speed collaboration and decision-making.

Warranty

The Compaq WL Series is backed by Compaq Services, including a three-year limited warranty.

SPECIFICATIONS

Compaq WL100 11Mbps Wireless LAN PC Card

Standards Compliance	PC Card (PCMCIA) Type II; IEEE 802.11b High Rate Direct Sequence Spread Spectrum Backward compatible with 802.11 ETS 300 328 and ETS 300 826; CE Mark; FCC Part 15C, Section 15.247 Supports all major networking standards including: TCP/IP, IPX/SPX, NetBEUI
Security	40- to 128-bit Wired Equivalent Privacy (WEP) Data Encryption
Radio Device	Frequency Range: 2.4 to 2.483 GHz Supported bit rates 11 Mb/s, 5.5 Mb/s, 2 Mb/s, 1 Mb/s
Transit Power	100mW maximum
Antenna System	Integrated dual diversity antenna
Power Consumption	3.3v PC Card; 185mA maximum (transmitting)
Mechanical	Dimensions: 0.41 x 0.60 x 0.024 in/1.05 x 1.53 x 0.06 cm
Environmental	Temperature Range: 32° to 104°F/0° to 40°C Humidity: 95% (non-condensing)
Site Survey Utility	Measures signal strength to aid in access point placement
Operating System Support	Windows 95, Windows 98, Windows NT 4.0, Windows 2000, Windows CE (processor-specific)

Compaq WL200 11Mbps Wireless LAN PCI Card

Standards Compliance	IEEE 802.11b High Rate Direct Sequence Spread Spectrum ETS 300 328 and ETS 300 826; CE Mar; FCC Part 15C, Section 15.247 All major networking standards including : TCP/IP, IPX/SPX, NetBEUI
Security	40- to 128-bit Wired Equivalent Privacy (WEP) Data Encryption
Radio Device	Frequency Range: 2.4 to 2.483 GHz Supported bit rates 11 Mb/s, 5.5 Mb/s, 2 Mb/s, 1 Mb/s
Transit Power	100mW maximum
Power Consumption	300mA maximum (transmitting)
Environmental	Temperature Range: 32° to 104°F/0° to 40°C Humidity: 95% (non-condensing)
Site Survey Utility	Measures signal strength to aid in access point placement
Operating System Support	Windows 95, Windows 98, Windows NT 4.0, Windows 2000

Compaq WL300 11Mbps Wireless LAN PCI Card

Host PC Requirements	486 or better processor (Windows 95 or Windows 98), or Pentium 120 or better processor (Windows NT 4.0; Windows 2000) At least 8 MB RAM At least 5 MB free hard disk space; A Compaq WL 100 Wireless LAN PC Card or a Compaq WL 200 Wireless LAN PCI Card If connecting a wired to a wireless LAN: Wired Ethernet network interface card (NIC with 10Base-T RJ-45 connector)
Operating System Support	Windows 95, Windows 98, Windows NT 4.0, Windows 2000
Box Contents	Compaq WL300 11 Mb/s Wireless LAN Software Access Point CD-ROM AP Manager Software On-line User's Guide Compaq WL300 11 Mb/s Wireless LAN Software Access Point User's Guide Software License Agreement, End User License Agreement, Warranty Cards

SPECIFICATIONS *(continued)*

Compaq WL400 11Mbps Wireless LAN PCI Card

Standards Compliance	IEEE 802.11b High Rate Direct Sequence Spread Spectrum Backward compatible with 802.11 ETS 300 328 and ETS 300 826; CE Mark; FCC Part 15C, Section 15.247 Supports all major networking standards including : TCP/IP, IPX/SPX, NetBEUI
Security	40-bit Wired Equivalent Privacy (WEP) Data Encryption
Radio Device	Frequency Range: 2.4 to 2.483 GHz Supported bit rates 11 Mb/s, 5.5 Mb/s, 2 Mb/s, 1 Mb/s
Transit Power	Peak +18dBm
Antenna System	Dual antenna diversity system 2dB gain
Network Management	SNMP agent with support for MIB-II and IEEE 208.11 MIB
Ethernet Interface	10Base-T RJ-45 connector
Power Consumption	AC 100 to 240V 50 to 60 Hz to 9VDC adapter included
Mechanical	Dimensions: 0.71 x 0.86 x 0.16 in/1.8 x 2.2 x 0.4 cm
LED Indicators	Green/red LEDs for Ethernet connection, RF activity, Power
Environmental	Temperature Range: 32° to 104°F/0° to 40°C Humidity: 95% (non-condensing)
Site Survey Utility	AP Manager configuration utility included

COMPATIBILITY

PC Companions

Compaq Aero 2100 Color Palm-size PC