

Compaq 610 Notebook PC - Specifications

Hardware specifications

Features	Description
Dimensions (HxWxD)	1.26 (at front) x 14.64 x 10.01 in 32.0 (at front) x 371.8 x 254.3 mm
Weight	Starting at 5.5 lb (2.49 kg)
<p>NOTE: Height varies depending upon where on the notebook the measurement is made. Weight varies by configuration and components. Weight includes 6-cell battery, 160GB hard drive, 1 GB memory, and optical drive. Weight varies by configuration and components.</p>	
Stand-Alone Power Requirements (AC Power)	<ul style="list-style-type: none"> • Nominal Operating Voltage: 18.5 V • Average Operating Power: <ul style="list-style-type: none"> ○ Models with integrated graphics: 17.6 W ○ Models with discrete graphics: 19.6 W • Max Operating power: < 90 W
Temperature	<p>Operating : 32° to 95° F (0° to 35° C) (not writing optical), 41° to 95° F (5° to 35° C) (writing optical)</p> <p>Non-operating : -4° to 140° F (-20° to 60° C)</p>
Relative Humidity	<p>Operating : 10% to 90%, non-condensing</p> <p>Non-operating : 5% to 95%, 101.6° F (38.7° C) maximum wet bulb temperature</p>
Shock	<p>Operating : 125 G, 2 ms, half-sine</p> <p>Non-operating : 200 G, 2 ms, half-sine</p>
Random Vibration	<p>Operating : 0.75 grms</p> <p>Non-operating : 1.50 grms</p>
Altitude (unpressurized)	<p>Operating : -50 to 10,000 ft (-15.24 to 3,048 m)</p> <p>Non-operating : -50 to 40,000 ft (-15.24 to 12,192 m)</p>

Communications

Features	Description
Integrated Marvell 10/100 NIC	<p>Ethernet Features :</p> <ul style="list-style-type: none"> • 10 Mbit/s operation (10BASE-T; IEEE 802.3i; IEEE 802.3 clauses 13-14) • 100 Mbit/s operation (100BASE-TX; IEEE 802.3u; IEEE 802.3 clauses 21-30) • Auto-Negotiation (Automatic Speed Selection) • Full Duplex & Half Duplex Operation at all Speeds • IEEE 802.1p QoS (Quality of Service) Support • IEEE 802.3x Flow Control (IEEE 802.3 clauses 31-32; configurable)

	<p>Power Management : ACPI compliant – multiple power modes. Situation-sensitive features reduce power consumption.</p> <p>Performance Features : TCP/IP/UDP Checksum Offload (configurable).</p>
Intel PRO/Wireless 3945ABG Network Connection	<p>Wireless LAN Standards:</p> <ul style="list-style-type: none"> • IEEE 802.11a • IEEE 802.11b • IEEE 802.11g
Broadcom 4312G 802.11b/g WiFi Adapter	<p>Wireless LAN Standards:</p> <ul style="list-style-type: none"> • IEEE 802.11b • IEEE 802.11g
Broadcom 4322AGN 802.11a/b/g/draft-n WiFi Adapter	<p>Wireless LAN Standards:</p> <ul style="list-style-type: none"> • IEEE 802.11a • IEEE 802.11b • IEEE 802.11g • IEEE 802.11n * <p>NOTE: * The specifications for 802.11n draft 2.0 are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11n WLAN devices.</p>

Audio/visual

Features	Description
Audio	<ul style="list-style-type: none"> • High Definition Audio support • Integrated mono speaker • Stereo headphone/line out • Stereo microphone in
Visual	<ul style="list-style-type: none"> • Optional integrated 2MP webcam

Power

Features	Description
Power Conservation	<ul style="list-style-type: none"> • Hibernation • Standby • ACPI compliance

Wireless devices

Support for a broad range of secure, integrated wireless LAN and wireless WAN options featuring support for the latest industry standards. Wireless LAN is factory configurable or available as an option to be added later. Broadband Wireless (WWAN) requires Windows Vista Business or Windows XP

Professional and is available in select countries as a standard, factory configurable feature only. Integrated Bluetooth is also available (factory configurable only) and can be combined with any of the supported wireless LAN and wireless WAN options.

Features	Description
All 802.11 integrated wireless LAN options	<ul style="list-style-type: none"> • Wi-Fi certified • Cisco Compatible Extensions support (Version 4.0) with Microsoft Windows XP • Wired Equivalent Privacy (WEP) support up to 128-bit keys • Wi-Fi Protected Access (WPA) and WPA2 support • 802.1x authentication support, including EAP-TLS, EAP-TTLS, PEAP-GTC, PEAP-MSCHAPv2, and LEAP • Advanced Encryption Standard (AES) support • Dual antennas integrated in the display enclosure
Intel PRO/Wireless 3945ABG Network Connection	Integrated support for 802.11 a, b and g Cisco Compatible Extensions support Up to 54 mbps data rate.
Broadcom 4322AGN 802.11a/b/g/draft-n Wi-Fi Adapter	Integrated support for 802.11a, b, g, and n draft 2.0 Cisco Compatible Extensions support Up to 300 mbps data rate.
Broadcom 4312G 802.11b/g WiFi Adapter	Integrated support for 802.11 b and g Cisco Compatible Extensions support Up to 54 mbps data rate.
HP Integrated Module with Bluetooth Wireless Technology	Bluetooth Specification v2.1 compliant Works with a wide range of Bluetooth devices.