QuickSpecs

Overview

HP EliteBook Revolve 810 G2 Tablet PC

Front, Right

1. WLAN antennas
2. Dual-microphone array
3. Webcam LED
4. 720p HD Webcam
5. Home button
6. WWAN antennas*
7. Side docking connector
8. Audio jack
9. MicroSD slot
10. Speaker
11. Volume up/down button
12. Rotation lock button
13. Power button
14. Clickpad image sensor
15. Ambient light sensor

* WWAN is an optional, add-on feature and is planned to be available in March 2014. WWAN use requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE is not available in all regions and requires Windows.
QuickSpecs

HP EliteBook Revolve 810 G2 Tablet PC

Overview

Rear

1. RJ-45 (Ethernet) jack
2. USB 3.0 port
3. Security lock slot
4. DisplayPort 1.2
5. USB 3.0 charging port
6. Power connector

Left

1. Vent
2. Speaker
QuickSpecs

HP EliteBook Revolve 810 G2 Tablet PC

Overview

Bottom
1. Service cover
2. Vents
3. Near Field Communication (NFC) antenna
4. Battery bay cover release latch
5. Battery bay
QuickSpecs

HP EliteBook Revolve 810 G2 Tablet PC

Overview

At A Glance

- Windows 8.1 Pro 64, Windows 8.1 64, Windows 7 Professional 64 (available through downgrade rights from Windows 8.1 Pro 64), Windows 7 Professional 64, Windows 7 Home Premium 64, or FreeDOS 2.0
- 11.6-inch diagonal LED-backlit, ultra-slim, HD UWVA display (1366 x 768) with capacitive multi-touch screen
- Industrial, business rugged HP DuraCase construction features a full magnesium alloy chassis, wear-resistant HP DuraFinish, and stainless steel hinges
- Full-sized backlit (optional), spill-resistant keyboard with bottom-case drain
- Clickpad image sensor
- Choice of 4th Generation Intel® Core™ i7, i5 Core with Turbo Boost Technology or 4th Generation Intel® Core™ i3 Core
- Intel vPro technology enables you to remotely monitor, diagnose, and repair PCs over the network, even if a system's OS is inoperable or it is powered off (vPro not available with Core i3-4010U or Core i5-4200U.)
- Choice of up to 256 GB M.2 Solid State Drive or 256 GB SED M.2 Solid State Drive
- Flexible wireless connectivity options:
  - Integrated WWAN modules with GPS support (optional, available March 2014)
  - Integrated Intel 802.11 (2x2) a/b/g/n ac, or a/b/g/n with Bluetooth 4.0 combo card
  - Integrated Intel 802.11a/b/g/n (2x2) wireless LAN module
- 6-cell polymer long life battery (44 Whr)
- Integrated Intel HD 4400 Graphics
- Integrated 720p HD Webcam
- DTS Studio Sound with integrated stereo speakers and dual microphone array
- Security features including HP Client Security, Common Criteria Certified Discrete TPM 1.2 Embedded Security Chip, and security lock slot
- Separate launch buttons for easy access to the following features: Windows, power, rotation lock, volume up and down
- DisplayPort v1.2 for high resolution support
- Optional HP 2013 UltraSlim docking station
- Sensors include Gyroscope, Accelerometer, Compass, Ambient Light Sensor, Near Field Communication (NFC)
- microSD slot

NOTE: See important legal disclosures for all listed specs in their respective features sections.
PRODUCT NAME

HP EliteBook Revolve 810 G2 Tablet

OPERATING SYSTEM

Preinstalled

Windows 8.1 Pro 64*
Windows 8.1 64*
Windows 7 Professional 64 (available through downgrade rights from Windows 8.1 Pro 64)**
Windows 7 Professional 64***
Windows 7 Home Premium 64***
FreeDOS 2.0

Supported

Windows 8.1 Enterprise 64*
Windows 7 Professional 32***
Windows 7 Enterprise 32***
Windows 7 Enterprise 64***
Windows 7 Ultimate 32***
Windows 7 Ultimate 64***
Windows 7 Home Premium 32***
Windows 7 Home Basic 32***
Windows 7 Home Basic 64***

* Not all features are available in all editions of Windows 8.1. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 8.1 functionality. See http://www.microsoft.com /
** This system is preinstalled with Windows® 7 Pro software and also comes with a license and media for Windows 8 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data
** Systems may require upgraded and/or separately purchased hardware to take full advantage of Windows 7 functionality. See http://www.microsoft.com/windows/windows-7/ for details.

PROCESSOR*

4th Generation Intel® Core™ i7-4600U with Intel HD Graphics 4400 (2.1 GHz, 4 MB L3 cache, 2 cores, 15 W)*
Up to 3.3 GHz with Intel Turbo Boost Technology**
4th Generation Intel® Core™ i5-4300U with Intel HD Graphics 4400 (1.9 GHz, 3 MB L3 cache, 2 cores, 15 W)*
Up to 2.9 GHz with Intel Turbo Boost Technology
4th Generation Intel® Core™ i5-4200U with Intel HD Graphics 4400 (1.6 GHz, 3 MB L3 cache, 2 cores, 15 W)*
Up to 2.6 GHz with Intel Turbo Boost Technology**
4th Generation Intel® Core™ i3-4010U with Intel HD Graphics 4400 (1.7 GHz, 3 MB L3 cache, 2 cores, 15 W)*

* Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. 64-bit computing on Intel® architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers, and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel® 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
** Intel® Turbo Boost technology requires a PC with a processor with Intel Turbo Boost capability. Intel Turbo Boost
QuickSpecs

Features

Performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turbo boost for more information.

**NOTE:** Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.

CHIPSET

Mobile Intel® QM87 (vPro support available with Core i7-4600 or Core i5-4300)

INTEL CORE I5 WITH VPRO/CORE I7 WITH VPRO TECHNOLOGY CAPABLE

Intel Core i5 with vPro and Core i7 with vPro technology is a selectable feature that is available on units configured with select processors, an Intel Centrino® Advanced-N or Ultimate-N WLAN module and a preinstalled Windows operating system. It provides advances in remote manageability, security, energy efficient performance, and wireless connectivity. Intel Active Management Technology 9.0 (iAMT) offers built-in manageability and proactive security for networked notebook PCs, even when they are powered off* or when the operating system is inoperable. It can help identify threats before they reach the network, isolate infected systems, and update PCs regardless of their power state.

*Requires a Windows operating system, network hardware and software, connection with a power source, and a direct (non-VPN) corporate network connection which is either cable or wireless LAN.

**NOTE:** Some functionality of this technology, such as Intel® Active management technology and Intel Virtualization technology, requires additional 3rd party software in order to run. Availability of future “virtual appliances” applications for Intel vPro technology is dependent on 3rd party software providers. Microsoft Windows required. For hard drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 30 GB for Windows 8 is reserved for system recovery software.

GRAPHICS

Integrated:
- UMA: Intel HD Graphics 4400

DISPLAY

**Internal**
11.6-inch diagonal LED-backlit, anti-glare, HD* AG UWVA Touchpanel (1366 x 768)

- Ultra- Wide-viewing angle
- LVDS – low voltage differential signaling
- Capacitive multitouch screen with digitizer
- Tough, durable Corning Gorilla Glass 3

**External**
Up to 32-bit per pixel color depth

**DisplayPort v1.2**
Supports resolutions up to 2560 x 1600, 30-bit color depth at 60 Hz, and full HD (1920 x 1080) monitors, 24-bit color depth
Features

at 120 Hz

Number of Supported Displays

<table>
<thead>
<tr>
<th>Number of Displays with 2013 UltraSlim Docking Station</th>
<th>UMA</th>
<th>Discrete</th>
</tr>
</thead>
<tbody>
<tr>
<td>EliteBook Revolve 810 G2</td>
<td>3</td>
<td>n/a</td>
</tr>
</tbody>
</table>

* HD content required to view HD images.

NOTE: Resolutions are dependent upon monitor capability, and resolution and color depth settings.

STORAGE AND DRIVES

Solid State Drive
128/180/256 GB M.2 Solid State Drives
256 GB SED M.2 Solid State Drive

NOTE: For hard drives and solid state drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) and 30 GB (for Windows 8.1) of system disk is reserved for the system recovery software.

MEMORY

Standard
DDR3L PC3-12800 SDRAM (1600 MHz)
One SODIMM slot supporting dual-channel memory plus 4 GB soldered down
4 GB and 8 GB SODIMMs

Maximum
Upgradeable to 12288 MB with optional 8192 MB SODIMM in slot 1 and 4096 MB soldered down
Dual-channel Maximized dual-channel performance requires SODIMMs of the same size and speed in both memory slots.

NOTE: Maximum memory capacities assume Windows 64-bit operating systems. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.  
NOTE: Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed.

NETWORKING/COMMUNICATIONS

Wireless
Support for a broad range of secure, integrated wireless LAN and wireless WAN options featuring support for the latest industry standards. Broadband Wireless (WWAN) requires a Windows operating system and is available in select countries as a standard, factory configurable feature only. Integrated Bluetooth is also available as both a factory configurable and after-market option and can be combined with any of the supported wireless LAN and wireless WAN options.

Broadband Wireless (WWAN)
HP hs3110 HSPA+ Mobile Broadband*
HP lt4111 LTE/EV-DO/HSPA+ Mobile Broadband Module*, ** (US)
Features

HP lt4112 LTE/HSPA+ Mobile Broadband Module*, ** (EMEA, APJ)

Wireless LAN (WLAN)
Intel Dual Band Wireless-AC 7260 802.11 ac (2x2) WiFi + BT 4.0 combo***, ****
Intel Dual Band Wireless-N 7260AN 802.11 a/b/g/n (2x2) WiFi + BT 4.0 combo***
Intel Dual Band Wireless-N 7260NB 802.11 a/b/g/n (2x2) WiFi***

* WWAN is an optional, add-on feature and is planned to be available in March 2014. WWAN use requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE is not available in all regions and requires Windows.

** 4G LTE not available on all products, in all regions and only available on products featuring Intel processors.

***WLAN is an optional feature. Wireless access point and Internet service is required and is not included. Availability of public wireless access points limited.

**** The specifications for the 802.11ac WLAN 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 802.11ac WLAN devices.

Communications
Integrated Intel 82579LM Gigabit* Network Connection (vPro configurations)

* The term “10/100/1000” or “Gigabit” Ethernet indicates compatibility with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/s. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.

Audio/Multimedia

Audio
DTS Studio Sound
Integrated stereo speakers
Integrated microphone (dual-microphone array)
Buttons for volume up and down
Headphone/microphone combo jack

Webcam
Integrated 720p HD webcam

- HD format (widescreen)
- Supports videoconferencing and still image capture
- High quality fixed focus lens
- Video capture at various resolutions up to 1280x720 resolution (720p) and up to 30fps
- M-JPEG compression supports higher frame rates for video capture and videoconferencing
- Improved low light sensitivity
- Improved dynamic range

Keyboards/Pointing Devices/Buttons & Function Keys

Keyboard
QuickSpecs

Features

The HP backlit (optional), spill-resistant keyboard is designed using a thin layer of Mylar film under the keyboard and a drain system that funnels fluid through a hole in the bottom of the notebook. This minimizes the risk of damage to sensitive components underneath. The 101/102-key compatible keyboard features an industry standard, full-pitch key layout with desktop keyboard features, such as the isolated inverted-T cursor control keys, editing keys, both left and right control and alt keys, and 12 function keys. U.S. and International key layouts are available. Other features include an integrated numeric keypad, hotkeys for instant access to power conservation, brightness, and other features, 19 mm x 19 mm key pitch (center-to-center spacing), 2.0 mm stroke, and comfort-dished keycaps.

Pointing Devices
Clickpad image sensor

Buttons and Function Keys

Function keys are:
F1 - Ambient Light Sensor
F2 - Battery Gauge
F3 - Sleep
F4 - Display Switching
F5 - Speaker Mute
F6 - Volume Down
F7 - Volume Up
F8 - mic mute
F9 - Brightness Down
F10 - Brightness Up
F11 - Backlit keyboard
F12 - WiFi toggle

SENSORS

Accelerometer
Compass
Ambient Light Sensor
Near Field Communication (NFC)

SOFTWARE AND SECURITY

Preinstalled Software with Windows Operating System

Security
Absolute Data Protect
Computrace (removed from UI on activation)¹
Device Access Manager with Just In Time Authentication
DigitalPersona Fingerprint Driver
Drive Encryption²
HP Client Security (incl. Cred Mgr and Password Mgr)
HP Trust Circles Standard³
Microsoft Defender
Microsoft Security Essentials⁴
Privacy Manager (Web only)
Features

Validity Fingerprint Driver

**BIOS Features**
Absolute Persistence Module (for all Absolute products)¹
HP Sure Start⁵
HP Automatic Drive Lock
HP BIOS Protection⁶ (Follow NIST 800-147, 155 Guidelines)
HP Disk Sanitizer⁷ (Not for SSD)
HP DriveLock
HP SpareKey⁸
Hybrid Boot
Master Record Security (backup/restore)
Measured Boot
Power On Authentication
Pre-Boot Security
Secure Boot
Secure Erase⁹ (SSD & HDD)
Update via Network

**HP Value Add**
HP Ceemnt
Digital ENERGY STAR® Logo W8
Getting Started with Windows 8
HP 3D DriveGuard
HP ePrint Driver¹⁰
HP Firmware & Driver Installer
HP Hotkey Support
HP Manageability
HP PageLift App
HP PageLift Desktop App
HP Performance Advisor
HP Quick Start
HP Recovery Manager
HP Registration App
HP Remote Graphics
HP Setup
HP Software Setup
HP Support Assistant
HP Recovery Disc Creator (HPRDC)
HP WallPaper
Internet Explorer 9
Internet Explorer 10
IE Home
System Default Settings for Win8
UEFI System Diagnostics W8
Wireless Button Driver

**3rd Party**
Adobe® Flash Player (Commercial)
Features

Amazon Kindle App
PDF Complete, Corporate Edition
Box.Net (UK only)
Box 50GB CMIT Cloud Offer
BTB Host and ISP Stub
BTB Host End Block
Bing Search for IE9
Bing Search for IE10
Netflix App
Skype Desktop App
Skype App

Microsoft Products
Office Home & Business 2013
Office Professional 2013
Lync Optimized

1 The Absolute Persistence agent is shipped turned off, and is activated with customer purchase of a subscription. Service may be limited. Check with Absolute for availability outside the U.S. The optional subscription service of Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: http://www.absolute.com/company/legal/agreements/computrace-agreement. If Data Delete is utilized, the Recovery Guarantee payment is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either create a PIN or purchase one or more RSA SecurID tokens from Absolute Software
2 Requires Windows. Data is protected prior to Drive Encryption login. Turning the PC off or into hibernate logs out of Drive Encryption and prevents data access. Drive encryption planned to be available in October 2013.
3 HP Trust Circles Standard, when included, allows up to 5 Trust Circles with up to 5 contacts in each Trust Circle. Optional Trust Circles Professional required for unrestricted number of Trust Circles and members contacts. Trust Circles Reader is available to allow a contact to participate in an invited Trust Circle. Requires Windows.
4 Opt in and internet connection required for updates.
5 HP Sure Start is available only on EliteBook 800 and Workstation ZBook series products. HP Tools partition with HP BIOS required for automatic recovery.
6 HP Tools partition with an HP BIOS required for automatic recovery.
7 For the use cases outlined in the DOD 5220.22-M Supplement. Does not support Solid State Drives (SSDs). Initial setup required. Web history deleted only in Internet Explorer and Firefox browsers and must be user enabled.
8 Requires initial user set up.
9 For the methods outlined in the National Institute of Standards and Technology Special Publication 800-88.
10 Requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/eprintcenter). Requires optional broadband module. Broadband use requires separately purchased service contract. Check with service provider for coverage and availability in your area. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary.
11 Requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/eprintcenter). Requires optional broadband module. Broadband use requires separately purchased service contract. Check with service provider for coverage and availability in your area. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary.
12 Lync software is sold separately. Requires internet access.

Security
QuickSpecs

HP EliteBook Revolve 810 G2

Features

Standard
Common Criteria EAL4+ Augmented Certified Discrete TPM 1.2 Embedded Security Chip
Security lock slot
HP Sure Start
HP BIOS (BIOS Protection)
Secure Erase\(^1\)
Computrace Persistence\(^2\)
DriveLock and Automatic DriveLock
Preboot Security
Master Boot Record recovery (Windows 7 only)
HP Client Security Software:
- Drive Encryption
- Credential Manager
- Password Manager
- Absolute Data Protect (Windows 8 and 8.1 only)\(^6\)
- Computrace (Windows 7 only)\(^7\)
- Face Recognition\(^6\)
- One Step Logon
- SpareKey\(^3\)

Device Access Manager with Just In Time Authentication
Embedded Security (Windows 7 only)
Privacy Manager (Windows 7 only)
Microsoft Security Essentials (Windows 7 only)\(^4\)
DigitalPass (Windows 7 only)
Central Management capable\(^5\)

Optional
HP Combo Lock

\(^1\) For the methods outlined in the National Institute of Standards and Technology Special Publication 800-88.
\(^2\) Computrace agent is shipped turned off, and must be activated by customers when they purchase a subscription.
Subscriptions can be purchased for terms ranging for multiple years. Service is limited, check with Absolute for availability outside the U.S
\(^3\) Requires initial user setup.
\(^4\) Opt-in and Internet connection required for updates
\(^5\) In order to deploy and receive updated policies, the client needs to be connected to the network server and requires separately purchased DigitalPersona Pro software. System access may not prevent users from logging into the system on the first attempt if policy updates haven't yet been received and applied.
\(^6\) HP Revolve with Windows 8 and 8.1 includes includes a 4 year license of Absolute Data Protect to locate your device, lock and prevent unauthorized access and remotely delete personal data. See [http://www.absolute.com/landing/2012/computrace-hp](http://www.absolute.com/landing/2012/computrace-hp) for complete details. Absolute Data Protect agent is shipped turned off, and must be activated by customers. Service may be limited, check with Absolute for availability outside the U.S. The optional subscription service of Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: [http://www.absolute.com/company/legal/agreements/computrace-agreement](http://www.absolute.com/company/legal/agreements/computrace-agreement). If Data Delete is utilized, the Recovery Guarantee payment is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either create a PIN or purchase one or more RSA SecurID tokens from Absolute Software.
\(^7\) HP Revolve with Windows 7 includes the Computrace agent, shipped turned off, and is activated with customer purchase of
QuickSpecs

HP EliteBook Revolve 810 G2

Features

a subscription. Service may be limited. Check with Absolute for availability outside the U.S. The optional subscription service of Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: http://www.absolute.com/company/legal/agreements/computrace-agreement. If Data Delete is utilized, the Recovery Guarantee payment is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either create a PIN or purchase one or more RSA SecurID tokens from Absolute Software.

For more information on HP security solutions refer to: http://www.hp.com/go/security.

Management

LANDesk Management Suite (optional) \(^1\)
LANDesk Security Suite (optional) \(^1\)
HP System Software Manager (available at no charge as a download from the web)
HP Softpaq Download Manager (available at no charge as a download from the web)

\(^1\) Sold separately or as an optional feature.

\(^2\) LANDesk software is sold separately. Managed devices must be connected to the management server. Location based functionality requires active LANDesk maintenance service. Wipe functionality performs a "Windows 8 Reset" and requires Windows 8. Lock performs a Windows "Lock Computer."

POWER

Power Supply

External HP 45W Slim Smart AC Adapter
External 65W EM Smart AC Adapter (Asia, PRC, India only)
Power cord is configurable; either 3.2 feet or 6 feet (1.0 or 1.8 meter)

Primary Battery

HP 6-cell polymer long life (44WHr)

Battery Life

HP 6-cell polymer long life battery (44WHr) Up to TBD Hours*\(^*,**\)

System Standby Time

Up to 137 hours

Power Conservation

Supports enhanced Intel SpeedStep technology (allows Battery Optimized Mode, Maximum Performance Mode, or Automatic mode)
Intel Display Power Saving technology
Hibernation
Standby
ACPI compliance

* Windows 7 battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See www.bapco.com for additional details.

** Windows 8 testing conducted by HP consisting of full battery discharge while running a series of productivity scripts against the following applications (which may or may not be included with your particular product): Adobe® AcrobatReader 7.0, Adobe® Illustrator® CS2, Adobe® Photoshop® CS2, Apple® Quicktime 7.1, Intervideo® WinDVD® 8, Macromedia® Flash 8,
Microsoft® Office® 2003 Pro, Microsoft® Project 2003, and Winzip® 10.0. Prior to testing, the system was fully charged, display brightness was set at 60 nits, wireless was turned off, and auto dim, suspend, hibernate and all other non-essential operation programs, utilities, and services to operation and battery testing were disabled. Battery life will vary depending on the product model, configuration, loaded applications, features, use, wireless functionality and power management settings. The maximum capacity of the battery will naturally decrease with time and usage.

ENVIRONMENTAL

- US ENERGY STAR®
- IT ECO declaration
- EPEAT® Gold registered in the U.S. (with Microsoft OS). EPEAT status varies by country- please see epeat.net for registration status in your country.
- US Federal Energy Management Program (FEMP)

WEIGHTS & DIMENSIONS

**Weight**
Starting at 3.08 lb (1.40 kg) (weight will vary by configuration)

**Dimensions** (w x d x h)
8.34 x 11.22 x 0.80 in (at front) / 212 x 285 x 22.2 mm (at front)

**NOTE:** Height varies depending upon where on the notebook the measurement is made. Weight varies by configuration and components. Weight includes 6-cell battery, lightest SSD, and 1 SODIMM.

PORTS/SLOTS

**Ports**
- DisplayPort – One (v1.2)
- Stereo headphone/microphone combo jack – One
- Power Connector – One
- Side Docking Connector – One
- RJ-45 (Ethernet) – One
- USB 3.0 – One
- USB 3.0 Charging – One

**Digital Media Slots**
- microSD Media Reader Slot - supports SD, SDHC, SDXC

SERVICE AND SUPPORT

Limited, 90-day warranty, depending on country); 1 and 3 year limited warranty options available. 3-year limited warranty on battery. Optional HP Care Pack Services are extended service contracts which go beyond your standard warranties. For more details visit: [http://www.hp.com/go/cpc](http://www.hp.com/go/cpc)

**NOTE:** Certain restrictions and exclusions apply. Consult the HP Customer Support Center for details.
[http://h20000.www2.hp.com/bizsupport/TechSupport/ProductRoot.jsp](http://h20000.www2.hp.com/bizsupport/TechSupport/ProductRoot.jsp)
SYSTEM UNIT

Stand-Alone Power Requirements (AC Power) | Nominal Operating Voltage
--- | ---
 | 110/220 V

Average Operating Power 10.2 W
Max Operating Power < 45 W

Temperature
Operating 32° to 95° F (0° to 35° C) (not writing optical)
41° to 95° F (5° to 35° C) (writing optical)
Non-operating -4° to 140° F (-20° to 60° C)

Relative Humidity
Operating 10% to 90%, non-condensing
Non-operating 5% to 95%, 101.6° F (38.7° C) maximum wet bulb temperature

Shock
Operating 40 G, 2 ms, half-sine
Non-operating 200 G, 2 ms, half-sine

Random Vibration
Operating 0.75 grms
Non-operating 1.50 grms

Altitude (unpressurized)
Operating -50 to 10,000 ft (-15.24 to 3,048 m)
Non-operating -50 to 40,000 ft (-15.24 to 12,192 m)

Planned Industry Standard Certifications
UL Yes
CSA Yes
FCC Compliance Yes
ENERGY STAR* Select models*
EPEAT Gold**
ICES Yes
Australia / NZ A-Tick Compliance Yes
CCC Yes
Japan VCCI Compliance Yes
KC Yes
BSMI Yes
CE Marking Compliance Yes
BNCI or BELUS Yes
CIT Yes
GOST Yes
Saudi Arabian Compliance (ICCP) Yes
SABS Yes
UKRSERTCOMPUTER Yes

* Configurations of the HP EliteBook Revolve 810 G2 that are ENERGY STAR qualified are identified as HP EliteBook Revolve 810 G2 ENERGY STAR on HP websites and on www.energystar.gov.

** EPEAT® Gold registered in the U.S. See www.epeat.net for registration status by country.
# QuickSpecs

## HP EliteBook Revolve 810 G2

### Technical Specifications

For accessibility information on HP products, please visit: [http://www.hp.com/accessibility](http://www.hp.com/accessibility).

## DISPLAYS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>11.6-inch diagonal LED HD (1366 x 768)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Active Area</strong></td>
<td>9.88 x 5.67 in (25.61 x 14.40 cm)</td>
</tr>
<tr>
<td><strong>Dimensions (W x H)</strong></td>
<td>11.53 x 6.49 in (29.3 x 16.5 cm)</td>
</tr>
<tr>
<td><strong>Diagonal Size</strong></td>
<td>11.6 in (29.46 cm)</td>
</tr>
<tr>
<td><strong>Contrast Ratio</strong></td>
<td>300:1 (typical)</td>
</tr>
<tr>
<td><strong>Refresh Rate</strong></td>
<td>60 Hz</td>
</tr>
<tr>
<td><strong>Brightness</strong></td>
<td>400 nit (typical)</td>
</tr>
<tr>
<td><strong>Pixel Resolution</strong></td>
<td>Format 1366 x 768</td>
</tr>
<tr>
<td><strong>Backlight</strong></td>
<td>RGB Stripe</td>
</tr>
<tr>
<td><strong>Viewing Angle</strong></td>
<td>40°/40°/15°/30° (Left/Right/Down/Up) (typical)</td>
</tr>
</tbody>
</table>

## STORAGE AND DRIVES

**Internal Storage**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><em><em>128 GB</em> M.2 Solid State Drive</em>*</td>
<td></td>
</tr>
<tr>
<td><strong>Drive Weight</strong></td>
<td>10 grams</td>
</tr>
<tr>
<td><strong>Capacity</strong></td>
<td>128 GB</td>
</tr>
<tr>
<td><strong>Height</strong></td>
<td>0.091 in (2.3 mm)</td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>0.87 in (22 mm)</td>
</tr>
<tr>
<td><strong>Interface</strong></td>
<td>SATA 3 (6 Gb/s)</td>
</tr>
<tr>
<td><strong>Performance</strong></td>
<td>Maximum Sequential Read</td>
</tr>
<tr>
<td></td>
<td>Up to 500 MB/s</td>
</tr>
<tr>
<td></td>
<td>Maximum Sequential Write</td>
</tr>
<tr>
<td></td>
<td>Up to 250 MB/s</td>
</tr>
<tr>
<td><strong>Logical Blocks</strong></td>
<td>250,069,680</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>32° to 158°F (0° to 70°C) [case temp]</td>
</tr>
<tr>
<td><strong>Features</strong></td>
<td>ATA Security; ATA-8; SATA 3.0; DIPM; TRIM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><em><em>180 GB</em> M.2 Solid State Drive</em>*</td>
<td></td>
</tr>
<tr>
<td><strong>Drive Weight</strong></td>
<td>10 grams</td>
</tr>
<tr>
<td><strong>Capacity</strong></td>
<td>180 GB</td>
</tr>
<tr>
<td><strong>Height</strong></td>
<td>0.091 in (2.3 mm)</td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>0.87 in (22 mm)</td>
</tr>
<tr>
<td><strong>Interface</strong></td>
<td>SATA Gen 3 (6 Gb/s)</td>
</tr>
<tr>
<td><strong>Performance</strong></td>
<td>Maximum Sequential Read</td>
</tr>
<tr>
<td></td>
<td>Up to 520 MB/s</td>
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<tr>
<td></td>
<td>Maximum Sequential Write</td>
</tr>
<tr>
<td></td>
<td>Up to 490 MB/s</td>
</tr>
<tr>
<td><strong>Logical Blocks</strong></td>
<td>351,651,888</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>32° to 158°F (0° to 70°C) [case temp]</td>
</tr>
<tr>
<td><strong>Features</strong></td>
<td>ATA Security; ATA-8, SATA 3.0; DIPM; TRIM</td>
</tr>
</tbody>
</table>
Technical Specifications

256 GB* M.2 Solid State Drive  
Drive Weight 10 grams  
Capacity 256 GB  
Height 0.091 in (2.3 mm)  
Width 0.87 in (22 mm)  
Interface SATA Gen 3 (6 Gb/s)  
Performance  
Maximum Sequential Read Up to 500 MB/s  
Maximum Sequential Write Up to 350 MB/s  
Logical Blocks 500,118,192  
Operating Temperature 32° to 158°F (0° to 70°C) [case temp]  
Features ATA Security; ATA-8, SATA 3.0; DIPM; TRIM

* For solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) and 30 GB (for Windows 8.1) of system disk is reserved for the system recovery software.

NETWORKING/COMMUNICATIONS

Intel® 82579LM Gigabit Network Connection  
Ethernet Features 10 Mbit/s operation (10BASE-T; IEEE 802.3i; IEEE 802.3 clauses 13-14)  
100 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)  
1000 Mbit/s operation (1000BASE-T; IEEE 802.3ab; IEEE 8023. Clauses 40)  
Auto-Negotiation (Automatic Speed Selection)  
Full Duplex Operation at all Speeds, Half Duplex operation at 10 and 100 Mbit/s  
IEEE 802.1p QoS (Quality of Service) Support  
IEEE 802.1q VLAN support  
IEEE 802.3x Flow Control (IEEE 802.3 clauses 31-32; configurable)  
IEEE 802.3az EEE(Energy Efficient Ethernet)  
Jumbo Frame 9K  
Auto MDI/MDIX Crossover cable detection

Power  
Management ACPI compliant - multiple power modes  
Energy Detect Low Power Mode(Green Ethernet)

Performance  
Features TCP/IP/UDP Checksum Offload (configurable)  
Protocol Offload( ARP & NS)  
Large send offload and Giant send offload  
Receiving Side Scaling  
MACSec Offload (802.3ae)  
Intel vPro  
iSCSI Boot

Manageability  
Wake-on-LAN from standby and hibernation (Magic Packet and Microsoft Wake-Up Frame); Wake-on-LAN from off (Magic Packet only)  
PXE 2.1 Remote Boot  
Statistics Gathering (SNMP MIB II, Ethernet-like MIB, Ethernet MIB (802.3x, clause 30))  
Comprehensive diagnostic and configuration software suite  
Virtual Cable Doctor for Ethernet cable status
## Technical Specifications

| **Interface** | PCI Express 1.1 x1 to fully support ASPM L0s/L1 and CLKREQ.  
**NOTE:** Intel 82579 PCIe interface is not PCIe compliant. It operates at half of PCIe specification V1.1 (2.5GT/S) speed. |
| **NIC Device Driver Name** | Intel 82579LM/82579V Ethernet Network Connection |

### HP hs3110/3114 HSPA+ Mobile Broadband Module

**Modes:** WCDMA/HSDPA/HSUPA/HSPA+/AWS/GSM/EDGE/GPRS  
Penta-band WCDMA/HSDPA/HSUPA/HSPA+/AWS: 850/900/1900/2100/1900 MHz  
GSM/GPRS/EDGE: 850/900/1800/1900 MHz

**Wireless protocol standards:**  
GSM/GPRS/EDGE: Class B, Multi-slot class 33, coding schemes CS1 - CS4 and MSC1 - MSC9.  
UMTS/WCDMA: Release 99 and Release 7  
Advanced Receiver Type 3i

**GPS**  
GPS Standalone, A-GPS: L1 (Internet- and Network assisted)

**Wireless parametric standards**  
Complies with 3GPP specifications

**Maximum data rates**  
GPRS/EDGE: Multi-slot Class 33, Class B  
WCDMA PS: UL (384 kbps) / DL (384 kbps)  
UL/DL HSPA: UL (5.76 Mbps)/ DL (7.2 Mbps)  
UL/DL HSPA+: UL (5.76 Mbps)/ DL (21Mbps)

**Maximum output power**  
WCDMA/HSPA/HSPA+ 2100/1900/900/850/AWS MHz: +24dBm (Power Class 3)  
GPRS 1900/1800 MHz: +30dBm (Power Class 1)  
GPRS 900/850 MHz: +33dBm (Power Class 4)  
EDGE 1900/1800 MHz: +26dBm (Power Class E2)  
EDGE 900/850 MHz: +27dBm (Power Class E2)

**Maximum power consumption**  
2500mA (peak); 600mA (average)

**Power consumption, sleep mode**  
3.6 mA

**Power management**  
USB selective suspend, Connected Standby  
Integrated notebook wireless button

**Antenna type**  
Dual high efficiency 5 band antennae with spatial diversity, mounted in the display enclosure

**Form Factor**  
M.2 Socket 2, USB 2.0 interface high speed

**Weight**  
<6 g

**Dimensions**  
(Length x Width x Thickness)  
2.01 x 1.18 x 0.18 in (42 x 30 x 2.3 mm)

**SIM card supply voltage**  
1.8 V/3.0 V UICC (SIM/UICC/USIM)

**Voltage, Operating**  
3.135V~4.4V (3.3 V recommended)

**Temperature, operating**  
14° to 131° F (-10° to 55° C) (Normal operation)  
-4° to 158° F (-20° to 70° C) (Extended operation)
### Temperature, storage
-40° to 185° F (-40° to 85° C)

### Humidity
5% to 95%

### Configuration utilities
HP Connection Manager

### LED activity
LED Off - Radio Off; Solid LED On - Radio On

### HP lt4111 LTE/EV-DO/HSPA+ 4G WWAN*

| Technology/Operating Bands | LTE FDD all bands with diversity: 1900 MHz (Band II), 1700/2100MHz (Band IV (AWS)), 850 MHz (Band V), 700MHz (Band XIII), 700MHz (Band XVII), 1900MHz G Block (Band XXV) WCDMA/HSDPA/HSUPA/HSPA+: all bands with diversity: 2100 MHz (Band I), 1900 MHz (Band II), AWS 1700/2100MHz (Band IV), 850 MHz (Band V), 800 MHz (Band VIII) GSM/GPRS/EDGE: 1900 MHz, 1800 MHz, 850 MHz, 900 MHz CDMA: Cellular 800MHz (BC0), PCS 1900MHz (BC1) |
| Wireless Protocol Standards | 3GPP Release 8 LTE Specification WCDMA R99, 3GPP Release 5, 6 and 7 UMTS Specification EVDO Release 0 and Release A |
| Wireless Parametric Standards | Complies with 3GPP specifications Release 8 for LTE |
| Maximum Data Rates | LTE (Category 3): 100 Mbps (Download), 50Mbps (Upload) DC-HSPA+: 42 Mbps (Download), 5.76 Mbps (Upload) HSPA+: 21.6 Mbps (Download), 5.76 Mbps (Upload) EDGE: 236.8 kbps (Download), 236.8 kbps (Upload) GPRS: 85.6 kbps (Download), 85.6 kbps (Upload) |
| GPS | Standalone GPS, A-GPS, GPS XTRA |
| GPS Bands | 1575.42 MHz (± 1.023 MHz), GLONASS 1596-1607MHz |
| Maximum Output Power | LTE: +23 dBm (+/- 1 dBm) WCDMA: +23 dBm (+/- 1 dBm) GSM850/900, GMSK: +32dBm (+/- 1dBm) GSM850/900, 8PSK: +27dBm (+/- 1dBm) DCS1800 / PCS 1900, GMSK: +29dBm (+/- 1dBm) DCS1800 / PCS 1900, 8PSK: +26dBm (+/- 1dBm) CDMA: +24dBm (+/- 1dBm) |
| Maximum Power Consumption | LTE: 1,200 mA (peak); <900 mA (average) WCDMA: 1,100 mA (peak); <800 mA (average) EGPRS: 2,500 mA (peak); <700 mA (average) |
| Power Consumption, Sleep Mode | 2 mA |
| Power Management | USB selective suspend, Integrated notebook wireless button |
| Antenna Type | Dual high efficiency multi-band antennae with spatial diversity |
| Form Factor | M.2, 3042-S3 Key B |
| Weight | 6 g |
| Dimensions | 42 mm × 30 mm × 2.3 mm |
Technical Specifications

**Voltage, Operating** 3.135 V to 4.4 V (3.3 V +1.1V/-0.165V)

**Temperature, operating** -13° to 140° F (-25° to 60° C)

**Temperature, non-operating, 96 hours** from MIL-STD 202 Method 108

**Humidity, Non-operating** 95% relative humidity for 48 hours @ 185° F (85° C) (non-condensing)

**LED Activity** LED Off – Radio Off; Solid LED On - Radio On

1 1900 MHz (Band II) and 850 MHz (Band V) not supported at launch but support planned in a future firmware update.

* 4G LTE not available on all products, in all regions and only available on products featuring Intel processors. WWAN use requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors.

**HP lt4112 LTE/HSPA+ Gobi 4G Module**

**Technology/Operating Bands**
- LTE FDD all bands with diversity: 2100 MHz (Band I), 1900 MHz (Band II), 1800 MHz (Band III), 850 MHz (Band V), 2600 MHz (Band VII), 900 MHz (Band VIII), 800 MHz (Band XX, DD800)
- WCDMA/HSUPA/HSUPA+/HSPA+ all bands with diversity: 2100 MHz (Band I), 1900 MHz (Band II), 800 MHz (Band V), 900 MHz (Band VIII)
- GSM/GPRS/EDGE: 1900 MHz (Band II), 1800 MHz (Band III), 850 MHz (Band V), 900 MHz (Band VIII)

**Wireless Protocol Standards**
- 3GPP Release 8 LTE Specification
- WCDMA R99, 3GPP Release 5, 6 and 7 UMTS Specification

**Wireless Parametric Standards**
- Complies with 3GPP specifications Release 8 for LTE

**Maximum Data Rates**
- LTE (Category 3): 100 Mbps (Download), 50Mbps (Upload)
- DC-HSPA+: 42 Mbps (Download), 5.76 Mbps (Upload)
- HSPA+: 21.6 Mbps (Download), 5.76 Mbps (Upload)
- EDGE: 236.8 kbps (Download), 236.8 kbps (Upload)
- GPRS: 85.6 kbps (Download), 85.6 kbps (Upload)

**GPS**
- Standalone

**GPS Bands**
- 1575.42 MHz (± 1.023 MHz), GLONASS 1596-1607MHz

**Maximum Output Power**
- LTE: +23 dBm (+/- 2 dBm)
- WCDMA: +23.5 dBm (+/- 1 dBm)
- GPRS Band II, III: +29.5 dBm (+/- 1 dBm)
- GPRS Band V, VIII: +32.5 dBm (+/- 1 dBm)
- EGPRS Band II, III: +26.5 dB (+/- 1.5 dBm)
- EGPRS Band V, VIII: +27.5 dB (+/-1.5 dBm)

**Maximum Power Consumption**
- LTE: 1,200 mA (peak); <900 mA (average)
- WCDMA: 1,100 mA (peak); <800 mA (average)
- EGPRS: 2,800 mA (peak); <700 mA (average)

**Power Consumption, Sleep Mode**
- 3 mA

**Power Management**
- USB selective suspend, Integrated notebook wireless button

**Antenna Type**
- Dual high efficiency multi-band antennae with spatial diversity
### QuickSpecs

#### HP EliteBook Revolve 810 G2

#### Technical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Form Factor</strong></td>
<td>M.2, USB 2.0 interface</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>6 g</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>(Length x Width x Thickness)</td>
</tr>
<tr>
<td></td>
<td>42 mm × 30 mm × 2.3 mm</td>
</tr>
<tr>
<td><strong>Voltage, Operating</strong></td>
<td>3.135 V to 4.4 V (3.3 V +1.1V/-0.165V)</td>
</tr>
<tr>
<td><strong>Temperature, operating</strong></td>
<td>14° to 131° F (-10° to 55° C)</td>
</tr>
<tr>
<td></td>
<td>-40° to 185° F (-40° to 85° C)</td>
</tr>
<tr>
<td><strong>Humidity, Non-operating</strong></td>
<td>95% relative humidity for 48 hours @ 185° F (85° C) (non-condensing)</td>
</tr>
<tr>
<td><strong>LED Activity</strong></td>
<td>LED Off - Radio Off; Solid LED On - Radio On</td>
</tr>
</tbody>
</table>

* 4G LTE not available on all products or in all regions. WWAN use requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors.

**Intel Dual Band Wireless-N 7260AN 802.11 a/b/g/n (2x2) WiFi + Bluetooth 4.0 Combo Adaptor**

<table>
<thead>
<tr>
<th>Wireless LAN Standards</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEEE 802.11a</td>
<td>2.402 - 2.482 GHz</td>
</tr>
<tr>
<td>IEEE 802.11b</td>
<td>4.9 - 4.95 GHz (Japan)</td>
</tr>
<tr>
<td>IEEE 802.11g</td>
<td>5.15 - 5.25 GHz</td>
</tr>
<tr>
<td>IEEE 802.11n</td>
<td>5.25 - 5.35 GHz</td>
</tr>
<tr>
<td></td>
<td>5.47 - 5.725 GHz</td>
</tr>
<tr>
<td></td>
<td>5.825 - 5.850 GHz</td>
</tr>
</tbody>
</table>

| Antenna Structure      | 2 transmit; 2 receive (2x2)                                             |

**Data Rates**

- 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
- 802.11b: 1, 2, 5.5, 11 Mbps
- 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
- 802.11n: card will support rates for NSS=1 and NSS=2 for RX and TX for 20 and 40 MHz channels. Short and long guard interval shall be supported.

**Modulation**

- Direct Sequence Spread Spectrum
- CCK, BPSK, QPSK, 16-QAM, 64-QAM

**Security**

- IEEE and WiFi compliant 64 / 128 bit WEP encryption for a/b/g mode only
- AES-CCMP: 128 bit in hardware
- 802.1x authentication
- WPA, WPA2: 802.1x. WPA-PSK, WPA2-PSK, TKIP, and AES.
- WPA2 certification
- IEEE 802.11i
- Cisco Certified Extensions, all versions through CCX4 and CCX Lite
- WAPI

**Sub-channels**

Multinational support with frequency bands and channels compliant to
Network Architecture
Models
Roaming
Output Power
Power Consumption
Power Management
Receiver Sensitivity
Antenna Connections
Form Factor
Dimensions
Weight
Operating Voltage
Temperature
Humidity
Altitude
LED Activity

1. Check latest software/driver release for updates on supported security features.
2. Maximum output power may vary by country according to local regulations.
3. In Power Save Polling mode and on battery power.
4. Receiver sensitivity is measured at a packet error rate of 8% for 802.11b (CCK modulation) and a packet error rate of 10% for 802.11a/g (OFDM modulation).
5. WLAN supplier’s client utility is required for Cisco Compatible Extensions support with Microsoft Windows XP. WLAN may also be compatible with certain third-party software supplicants.
**QuickSpecs**

**Technical Specifications**

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<th>Supplier IHV extensions required for Cisco Compatible Extensions support for Microsoft Windows Vista.</th>
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<td><strong>HP Integrated Module with Bluetooth 4.0+EDR Wireless Technology</strong></td>
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<tr>
<td><strong>Bluetooth Specification</strong></td>
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<tr>
<td><strong>Dimensions</strong></td>
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<tr>
<td><strong>Frequency Band</strong></td>
</tr>
<tr>
<td><strong>Number of Available Channels</strong></td>
</tr>
<tr>
<td><strong>Data Rates and Throughput</strong></td>
</tr>
<tr>
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<tr>
<td></td>
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<tr>
<td><strong>Transmit Power</strong></td>
</tr>
<tr>
<td><strong>Receiver Sensitivity</strong></td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
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<td></td>
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<tr>
<td><strong>Antenna</strong></td>
</tr>
<tr>
<td><strong>Range</strong></td>
</tr>
<tr>
<td><strong>Electrical Interface</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>Bluetooth Software Supported</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>Link Topology</strong></td>
</tr>
<tr>
<td><strong>Security</strong></td>
</tr>
<tr>
<td><strong>Power Management</strong></td>
</tr>
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</tr>
<tr>
<td><strong>Certifications</strong></td>
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<tr>
<td><strong>Bluetooth Profiles Supported</strong></td>
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</tbody>
</table>
FAX Profile (FAX)
Basic Imaging Profile (BIP)\(^2\)
Headset Profile (HSP)
Hands Free Profile (HFP)
Advanced Audio Distribution Profile (A2DP)

1. indicates the profile is supported by Microsoft Windows XP SP2
2. indicates the profile is part of Windows Vista

* Wireless access point and internet service required. Availability of public wireless access points limited.

**Intel Dual Band Wireless-AC 7260 802.11 ac (2x2)**

**Wireless LAN Standards**
- IEEE 802.11a
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n
- IEEE 802.11ac

**Interoperability**
- Wi-Fi certified

**Frequency Band**
- 802.11b/g/n

- 2.402 - 2.482 GHz

- 802.11a/n

- 4.9 - 4.95 GHz (Japan)
- 5.15 - 5.25 GHz
- 5.25 - 5.35 GHz
- 5.47 - 5.725 GHz
- 5.825 - 5.850 GHz
- 2.402 - 2.482 GHz

**Data Rates**
- 802.11b: 1, 2, 5.5, 11 Mbps
- 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
- 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
- 802.11n: MCS 0 ~ MCS 15, (20MHz, and 40MHz)
- 802.11ac : MCS0 ~ MCS9, (1SS, and 2SS) (20MHz, 40MHz, and 80MHz)

**Modulation**
- Direct Sequence Spread Spectrum
- BPSK, QPSK, CCK, 16-QAM, 64-QAM, 256-QAM

**Security\(^1\)**
- IEEE and WiFi compliant 64 / 128 bit WEP encryption for a/b/g mode only
- AES–CCMP: 128 bit in hardware
- 802.1x authentication
- WPA, WPA2: 802.1x. WPA-PSK, WPA2-PSK, TKIP, and AES.
- WPA2 certification
- IEEE 802.11i
- Cisco Certified Extensions, all versions through CCX4 and CCX Lite
- WAPI
QuickSpecs

Technical Specifications

**Network Architecture Models**
- IEEE 802.11 compliant roaming between access points

**Roaming**
- IEEE 802.11 compliant roaming between access points

**Output Power**
- 2.4G: +13.5dBm minimum
- 5G: +12dBm minimum
- Maximum output power must be able to achieve modular regulatory certification with notebooks that have antennas >20cm from the user and peak gain of +3dBi at 2.4GHz and +4dBi at 5GHz

**Power Consumption**
- Transmit: 2.0 W (max)
- Receive: 1.6 W (max)
- Idle mode (PSP): 250 mW (WLAN Associated)
- Idle mode: 100 mW (WLAN unassociated)
- Radio disabled: 75 mW

**Power Management**
- ACPI and PCI Express compliant power management
- 802.11 compliant power saving mode

**Receiver Sensitivity**
- 802.11b: -95 dBm (1 Mbps), -93 dBm (2 Mbps), -91 dBm (5.5 Mbps), -88 dBm (11 Mbps)
- 802.11a/g: -90 dBm (6 Mbps), -89 dBm (9 Mbps), -87 dBm (12 Mbps), -85 dBm (18 Mbps), -82 dBm (24 Mbps), -79 dBm (36 Mbps), -76 dBm (48 Mbps), -74 dBm (54 Mbps)
- 802.11n: -69 dBm (72.2 Mbps), -66 dBm (300 Mbps)

**Antenna type**
- High efficiency antenna with spatial diversity, mounted in the display enclosure
- Two embedded dual band 2.4/5 GHz antennas are provided to the card to support WLAN MIMO communications and Bluetooth communications

**Form Factor**
- PCI-Express Half-MiniCard

**Dimensions**
- 0.19 x 1.06 x 1.18 in (4.75 x 26.8 x 30 mm)

**Weight**
- 3.1g

**Operating Voltage**
- 3.3v +/- 9%

**Temperature**
- Operating: 14° to 158° F (-10° to 70° C)
- Non-operating: -40° to 176° F (-40° to 80° C)

**Humidity**
- Operating: 10% to 90% (non-condensing)
- Non-operating: 5% to 95% (non-condensing)

**Altitude**
- Operating: 0 to 10,000 ft (3,048 m)
- Non-operating: 0 to 50,000 ft (15,240 m)

**LED Activity**
- LED Off – Radio OFF; Solid LED On - Radio ON

1. Check latest software/driver release for updates on supported security features.
2. Maximum output power may vary by country according to local regulations.

Receiver sensitivity is measured at a packet error rate of 8% for 802.11b (CKK modulation) and a packet error rate of 10% for 802.11a/g (OFDM modulation).

**Bluetooth Specification**
- V4.0 High Speed, V2.1+EDR, backwards compatible with V1.1, 1.2 and 2.0
Technical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Available Channels</td>
<td>79 (1 MHz) available channels</td>
</tr>
<tr>
<td>Data Rates and Throughput</td>
<td>3 Mbps data rate; throughput up to 2.17 Mbps</td>
</tr>
<tr>
<td></td>
<td>Synchronous Connection Oriented links up to 3, 64 kbps, voice channels</td>
</tr>
<tr>
<td></td>
<td>Asynchronous Connection Less links 2178.1 kbps/177.1 kbps asymmetric or 1306.9 kbps symmetric</td>
</tr>
<tr>
<td>Transmit Power</td>
<td>-6 dBm to 4 dBm (Bluetooth Class II)</td>
</tr>
<tr>
<td>Receiver Sensitivity</td>
<td>Better than -80 dBm at 0.1 % raw bit error rate</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>Peak (Tx) 330 mW</td>
</tr>
<tr>
<td></td>
<td>Peak (Rx) 230 mW</td>
</tr>
<tr>
<td></td>
<td>Sleep &lt;17 mW</td>
</tr>
<tr>
<td>Antenna</td>
<td>Internally integrated within module</td>
</tr>
<tr>
<td>Range</td>
<td>Up to 33 ft (10 m)</td>
</tr>
<tr>
<td>Electrical Interface</td>
<td>USB 2.0 compliant</td>
</tr>
<tr>
<td></td>
<td>Microsoft Windows Plug and Play compliant</td>
</tr>
<tr>
<td>Bluetooth Software Supported</td>
<td>Broadcom Bluetooth for Windows</td>
</tr>
<tr>
<td></td>
<td>Microsoft Windows Bluetooth Software</td>
</tr>
<tr>
<td>Link Topology</td>
<td>Point to Point, Multipoint Pico Nets up to 7 slaves</td>
</tr>
<tr>
<td>Power Management</td>
<td>Microsoft Windows ACPI, and USB Bus Support</td>
</tr>
<tr>
<td></td>
<td>Self-configurable to optimize power conservation in all operating modes,</td>
</tr>
<tr>
<td></td>
<td>including Standby, Hold, Park, and Sniff</td>
</tr>
<tr>
<td>Certifications</td>
<td>All necessary regulatory approvals for supported countries, including:</td>
</tr>
<tr>
<td></td>
<td>FCC (47 CFR) Part 15C, Section 15.247 &amp; 15.249</td>
</tr>
<tr>
<td></td>
<td>ETS 300 328, ETS 300 826</td>
</tr>
<tr>
<td></td>
<td>Low Voltage Directive IEC950</td>
</tr>
<tr>
<td></td>
<td>UL, CSA, and CE Mark</td>
</tr>
<tr>
<td>Bluetooth Profiles Supported</td>
<td>Generic Access Profile (GAP)</td>
</tr>
<tr>
<td></td>
<td>Service Discovery Application Profile (SDAP)</td>
</tr>
<tr>
<td></td>
<td>Serial Port Profile (SPP)</td>
</tr>
<tr>
<td></td>
<td>Dial_Up Networking Profile (DUN)</td>
</tr>
<tr>
<td></td>
<td>Generic Object Exchange Profile (GOEP)</td>
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<td>Object Push Profile (OPP)</td>
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<td>File Transfer Profile (FTP)</td>
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<td></td>
<td>Synchronization Profile (SYNC)</td>
</tr>
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<td></td>
<td>Hard Copy Cable Replacement (HCRP)</td>
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<td>Personal Area Networking Profile (PAN)</td>
</tr>
<tr>
<td></td>
<td>Human Interface Device Profile (HID)</td>
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<td></td>
<td>Generic Audio/Video Distribution Profile (GAVDP)</td>
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<td></td>
<td>Advanced Audio/Video Distribution Profile (A2DP)</td>
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<tr>
<td></td>
<td>FAX Profile (FAX)</td>
</tr>
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<td></td>
<td>Basic Imaging Profile (BIP)</td>
</tr>
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<td></td>
<td>Headset Profile (HSP)</td>
</tr>
<tr>
<td></td>
<td>Hands Free Profile (HFP)</td>
</tr>
</tbody>
</table>
QuickSpecs

HP EliteBook Revolve 810 G2

Technical Specifications

Basic Printing Profile (BPP)
VDP (Video Distribution Profile)
AVRCP (Audio Video Remote Control Profile)

* Wireless access point and internet service required. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN 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 802.11ac WLAN devices.

Intel Dual Band Wireless-N 7260NB 802.11 a/b/g/n (2x2) WiFi Adapter*

<table>
<thead>
<tr>
<th>Wireless LAN Standards</th>
<th>IEEE 802.11a</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>IEEE 802.11b</td>
</tr>
<tr>
<td></td>
<td>IEEE 802.11g</td>
</tr>
<tr>
<td></td>
<td>IEEE 802.11n</td>
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<table>
<thead>
<tr>
<th>Interoperability</th>
<th>Wi-Fi certified</th>
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<table>
<thead>
<tr>
<th>Frequency Band</th>
<th>802.11b/g/n</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.402 - 2.482 GHz</td>
<td></td>
</tr>
<tr>
<td>4.9 - 4.95 GHz (Japan)</td>
<td></td>
</tr>
<tr>
<td>5.15 - 5.25 GHz</td>
<td></td>
</tr>
<tr>
<td>5.25 - 5.35 GHz</td>
<td></td>
</tr>
<tr>
<td>5.47 - 5.725 GHz</td>
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</tr>
<tr>
<td>5.825 - 5.850 GHz</td>
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</table>

<table>
<thead>
<tr>
<th>Antenna Structure</th>
<th>2 transmit; 2 receive (2x2)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Data Rates</th>
<th>802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>802.11b: 1, 2, 5.5, 11 Mbps</td>
</tr>
<tr>
<td></td>
<td>802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps</td>
</tr>
<tr>
<td></td>
<td>802.11n: card will support rates for NSS=1 and NSS=2 for RX and TX for 20 and 40 MHz channels. Short and long guard interval shall be supported.</td>
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</table>

<table>
<thead>
<tr>
<th>Modulation</th>
<th>Direct Sequence Spread Spectrum</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CCK, BPSK, QPSK, 16-QAM, 64-QAM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Security¹</th>
<th>• IEEE and WiFi compliant 64 / 128 bit WEP encryption for a/b/g mode only</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• AES-CCMP: 128 bit in hardware</td>
</tr>
<tr>
<td></td>
<td>• 802.1x authentication</td>
</tr>
<tr>
<td></td>
<td>• WPA, WPA2: 802.1x. WPA-PSK, WPA2-PSK, TKIP, and AES.</td>
</tr>
<tr>
<td></td>
<td>• WPA2 certification</td>
</tr>
<tr>
<td></td>
<td>• IEEE 802.11i</td>
</tr>
<tr>
<td></td>
<td>• Cisco Certified Extensions, all versions through CCX4 and CCX Lite</td>
</tr>
<tr>
<td></td>
<td>• WAPI</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sub-channels</th>
<th>Multinational support with frequency bands and channels compliant to local regulations.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Network Architecture Models</th>
<th>Ad-hoc (Peer to Peer)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Infrastructure (Access Point Required)</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Roaming</th>
<th>IEEE 802.11 compliant roaming between band Access Points</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Output Power²</th>
<th>2.4G: +13.5dBm minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5G: +12dBm minimum</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Power Consumption</th>
<th>Transmit: 2.0 Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Receive: 1.6 Watts</td>
</tr>
</tbody>
</table>
QuickSpecs

Technical Specifications

Idle mode¹: 250 mW (WLAN Associated)
Idle mode: 100 mW (WLAN unassociated)
Radio off: 75 mW

Power Management
ACPI and PCI Express compliant power management
802.11 compliant power saving mode

Receiver Sensitivity⁴

802.11g:
-90 dBm (6 Mbps), -89 dBm (9 Mbps), -87 dBm (12 Mbps), -85 dBm (18 Mbps), -82 dBm (24 Mbps), -79 dBm (36 Mbps), -76 dBm (48 Mbps), -74 dBm (54 Mbps)

802.11b:
-95 dBm (1 Mbps), -93 dBm (2 Mbps), -91 dBm (5.5 Mbps), -88 dBm (11 Mbps)

802.11n:
-69 dBm (150 Mbps), -66 dBm (300 Mbps)

Antenna Connections
2 U.FL type connectors (output impedance of 50 ± 2 ohms)

Form Factor
PCI-Express Half-MiniCard

Dimensions
0.12 x 1.06 x 1.18 in (3.1 x 26.8 x 30.0 mm)

Weight
3.1g

Operating Voltage
3.3v +/- 9%

Temperature
Operating 14° to 158° F (-10° to 70° C)
Non-operating -40° to 176° F (-40° to 80° C)

Humidity
Operating 10% to 90% (non-condensing)
Non-operating 5% to 95% (non-condensing)

Altitude
Operating 0 to 10,000 ft (3,048 m)
Non-operating 0 to 50,000 ft (15,240 m)

LED Activity
LED Amber - Radio OFF; Solid LED On - Radio ON

1. Check latest software/driver release for updates on supported security features.
2. Maximum output power may vary by country according to local regulations.
3. In Power Save Polling mode and on battery power.
4. Receiver sensitivity is measured at a packet error rate of 8% for 802.11b (CCK modulation) and a packet error rate of 10% for 802.11a/g (OFDM modulation).
5. WLAN supplier's client utility is required for Cisco Compatible Extensions support with Microsoft Windows XP. WLAN may also be compatible with certain third-party software supplicants. WLAN supplier IHV extensions required for Cisco Compatible Extensions support for Microsoft Windows Vista.

* Wireless access point and internet service required. Availability of public wireless access points limited.

AUDIO/MULTIMEDIA

Audio
DTS Studio Sound (Windows OS only)

Hardware
Implementation IDT 92HD91 High Definition CODEC
## Technical Specifications

<table>
<thead>
<tr>
<th>Function Key Volume Controls</th>
<th>Volume up, volume down, and mute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mute Buttons</td>
<td>Playback and Record mute buttons with LED indicator</td>
</tr>
<tr>
<td>Full Duplex</td>
<td>Yes</td>
</tr>
<tr>
<td>Microphone In</td>
<td>Stereo</td>
</tr>
<tr>
<td>Headphone/Line Out</td>
<td>Stereo</td>
</tr>
<tr>
<td>Integrated Microphone</td>
<td>Yes, dual digital microphone array</td>
</tr>
</tbody>
</table>

### Audio Output Quality

<table>
<thead>
<tr>
<th>Frequency Response</th>
<th>20 Hz – 20 kHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signal to Noise Ratio</td>
<td>&gt;85 dB</td>
</tr>
<tr>
<td>Total Harmonic Distortion</td>
<td>0.01%</td>
</tr>
<tr>
<td>Noise Floor</td>
<td>-110 dB</td>
</tr>
<tr>
<td>Play/Record Sampling Rate(s)</td>
<td>8 kHz - 48kHz</td>
</tr>
<tr>
<td>DAC</td>
<td>16, 20 or 24-bit</td>
</tr>
<tr>
<td>ADC</td>
<td>16 or 20-bit</td>
</tr>
</tbody>
</table>

### Integrated Stereo Speakers

| Power Rating                  | 1 Watt          |
| Impedance                     | 8 Ohms          |

## POWER

### HP 45W Slim Smart AC Adapter

| Dimensions (H x W x D)        | 9.60 x 4.95 x 2.24 cm  |
| Input                         | 90 to 265 VAC          |
| Input Efficiency              | 87% min at 115 VAC     |
| Input frequency range         | 47 to 63 Hz           |
| Input AC current              | 1.4 A at 90 VAC and maximum load |
| Output                        | Output power 45W       |
| DC output                     | 19.5V                |
| Hold-up time                  | 5 msec at 115 VAC input |
| Output current limit          | <8A, Over voltage protection - 29V max automatic shutdown |
| Connector                     | 3 pin/grounded, mates with interchangeable cords |

### Environmental Design

| Operating temperature         | 32° to 95° F (0° to 35° C) |
| Non-operating (storage)      | -4° to 121° F (-20° to 85° C) |
| Altitude                      | 0 to 16,405 ft (0 to 5,000 m) |
| Humidity                      | 0% to 95%                 |
| Storage Humidity              | 0% to 95%                 |
## Technical Specifications

| EMI and Safety Certifications | CE Mark - full compliance with LVD and EMC directives; Worldwide safety standards - IEC60950, EN60950, UL60950, Class1, SELV; Agency approvals - C-UL-US, NORDICS, DENAN, EN55022 Class B, FCC Class B, CISPR22 Class B, CCC, NOM-1 NYCE; Reliability - failure rate of less than 0.1% annually within the first three years of operation. |
| HP 6-cell (44 WHr) Polymer Primary battery | Dimensions (H x W x L) 1.11 x 28.1 x 10.3 cm |
| Weight (max) 3.10g |
| Cells/Type 6-cell Polymer |
| Energy Voltage 11.1V |
| Amp-hour capacity 4.0Ah |
| Watt-hour capacity 44Wh |
| Temperature Operating (Charging) 32° to 113° F (0° to 45° C) |
| Operating (Discharging) 14° to 122° F (-10° to 50° C) |
| Non-operating -4° to 122° F (-20° to 50° C) |
| Battery Re-Charge Time System in OFF or Standby Mode 2.5 hours |
| System ON 3-5 hours |
| Fuel Gauge LED No |
| Optional Travel Battery Available No |

### ENVIRONMENTAL

TBD

### COUNTRY OF ORIGIN

TBD
## QuickSpecs

**HP EliteBook Revolve 810 G2**

Options and Accessories (sold separately and availability may vary by country)

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Memory</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>HP 2GB DDR3 1600 PC3-12800 SODIMM</td>
<td>H2P63AA#xxx</td>
</tr>
<tr>
<td></td>
<td>HP 4GB DDR3 1600 PC3-12800 SODIMM</td>
<td>H2P64AA#xxx</td>
</tr>
<tr>
<td></td>
<td>HP 8GB DDR3 1600 PC3-12800 SODIMM</td>
<td>H2P65AA#xxx</td>
</tr>
<tr>
<td><strong>Cases</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>HP Slim Ultrabook Messenger (up to 15.6&quot; x .88&quot;/22/5mm)</td>
<td>F3W14AA</td>
</tr>
<tr>
<td></td>
<td>HP Slim Ultrabook Top Load (up to 15.6&quot; x .88&quot;/22/5mm)</td>
<td>F3W15AA</td>
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<tr>
<td></td>
<td>HP Slim Ultrabook Backpack (up to 15.6&quot; x .88&quot;/22/5mm)</td>
<td>F3W16AA</td>
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<tr>
<td></td>
<td>HP Essential Top Load Case (up to 15.6&quot;)</td>
<td>H2W17AA#xxx</td>
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<td></td>
<td>HP Essential Backpack (up to 15.6&quot;)</td>
<td>H1D24AA</td>
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<tr>
<td></td>
<td>HP Essential Messenger Case (up to 17.3&quot;)</td>
<td>H1D25AA</td>
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<tr>
<td></td>
<td>HP Professional Series Carrying Case (up to 15.6&quot;)</td>
<td>H4J90AA</td>
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<tr>
<td></td>
<td>HP Professional Series Carrying Case TSA (up to 15.6&quot;)</td>
<td>H4J92AA</td>
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<td>HP Professional Series Backpack (up to 15.6&quot;)</td>
<td>H4J93AA</td>
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<td></td>
<td>HP Professional Leather Case (up to 17.3&quot;)</td>
<td>H4J94AA</td>
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<tr>
<td></td>
<td>HP Business Slim Top Load (up to 14.1&quot; x .75&quot; thick)</td>
<td>H2T13AA</td>
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<tr>
<td><strong>Docking</strong></td>
<td>HP 2013 UltraSlim Docking Station</td>
<td>D9Y32AA#xxx</td>
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<td></td>
<td>HP Dual Hinge II Notebook Stand</td>
<td>E8F99AA#xxx</td>
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<td></td>
<td>HP Display and Notebook Stand II</td>
<td>E8G00AA#xxx</td>
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<td></td>
<td>HP Adjustable Dual Monitor Stand</td>
<td>AW664AA#xxx</td>
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<tr>
<td></td>
<td>HP Adjustable Display Stand</td>
<td>AW663AA#xxx</td>
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<td></td>
<td>HP LCD Monitor Stand</td>
<td>QM196AA</td>
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<td>HP USB 2.0 Port Replicator</td>
<td>H1L07AA#xxx</td>
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<td></td>
<td>HP USB 3.0 Port Replicator</td>
<td>H1L08AA#xxx</td>
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<tr>
<td><strong>Input/Output - Mice</strong></td>
<td>HP USB Optical Travel mouse</td>
<td>RH304AA</td>
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<tr>
<td></td>
<td>HP Wireless Mobile Mouse</td>
<td>H2L63AA</td>
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<tr>
<td></td>
<td>HP USB Essential Keyboard/Mouse</td>
<td>H2S75AA</td>
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<tr>
<td></td>
<td>HP X6000 Mouse</td>
<td>H2L62AA#XXX</td>
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<td></td>
<td>HP 3-button USB Laser Mouse</td>
<td>H4B81AA</td>
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<td>HP X4000b Bluetooth Mouse</td>
<td>H3T50AA#xxx</td>
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<td><strong>Input/Output - Keyboard</strong></td>
<td>HP Stylish Wireless KB/Mouse</td>
<td>H4B79AA</td>
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<td>HP Stylish USB KB/Mouse</td>
<td>H4B80AA</td>
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<td>HP Slim BT Keyboard US</td>
<td>H4Q44AA#ABA</td>
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<tr>
<td><strong>Input/Output - Other</strong></td>
<td>HP USB Ethernet Adapter</td>
<td>XZ613AA#ABA</td>
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<tr>
<td></td>
<td>USB Graphics Adapter (DBU PL)</td>
<td>NL571AA</td>
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## QuickSpecs

### Options and Accessories (sold separately and availability may vary by country)

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<thead>
<tr>
<th>Category</th>
<th>Item Description</th>
<th>SKU</th>
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<tbody>
<tr>
<td><strong>Adapters</strong></td>
<td>HP DP to HDMI 1.4 Adapter</td>
<td>F3W43AA</td>
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<tr>
<td></td>
<td>90W Slim Combo Adapter</td>
<td>H4A41AA#xxx</td>
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<tr>
<td></td>
<td>90W w/USB Universal Adapter</td>
<td>H4A43AA#ABA</td>
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<tr>
<td></td>
<td>90W Smart AC/Auto/Air Combo Adapter</td>
<td>AJ652AA#xxx</td>
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<tr>
<td></td>
<td>90W Smart Auto/Truck Adapter</td>
<td>ED493AA</td>
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<tr>
<td></td>
<td>HP Smart 65W Travel AC Adapter</td>
<td>AU155AA#xxx</td>
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<tr>
<td></td>
<td>HP 65W Slim Adapter</td>
<td>AX727AA#xxx</td>
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<td></td>
<td>65W Smart AC Adapter</td>
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<td></td>
<td>90W Smart AC Adapter</td>
<td>ED495AA#xxx</td>
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<td></td>
<td>90W Slim Adapter</td>
<td>BT796AA#xxx</td>
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<tr>
<td><strong>Storage - External Storage</strong></td>
<td>HP External USB Optical Drive</td>
<td>F2B56AA</td>
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<tr>
<td><strong>Platform Battery</strong></td>
<td>HP OD06XL Long Life Notebook Battery</td>
<td>H6L25AA</td>
</tr>
<tr>
<td><strong>Health and Education</strong></td>
<td>20 Notebook Managed Charging Cart</td>
<td>QL489AA#xxx</td>
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<td></td>
<td>20 Notebook Charging Cart</td>
<td>QL488AA</td>
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<td></td>
<td>30 Notebook Managed Charging Cart</td>
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<td>30 Notebook Charging Cart</td>
<td>H4F31AA#ABA</td>
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<td><strong>Security</strong></td>
<td>HP Docking Station Cable Lock</td>
<td>AU656AA#xxx</td>
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<td></td>
<td>HP UltraSlim Keyed Cable Lock</td>
<td>H4D73AA</td>
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<tr>
<td><strong>Monitors</strong></td>
<td>HP U160 15.6-inch LED Backlit Monitor</td>
<td>C4M77AA or</td>
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<td></td>
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<td>D4T56AA#xxx</td>
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<td></td>
<td>(check region for which SKU is available)</td>
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<tr>
<td></td>
<td>HP EliteDisplay E271i 27-inch IPS LED Monitor</td>
<td>D7Z72AA/A8/AS/AT</td>
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<td>HP EliteDisplay E231 23-inch LED Monitor</td>
<td>C9V75AA/A8/AS/AT</td>
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<td>HP EliteDisplay E201 20-inch LED Monitor</td>
<td>C9V73AA/A8/AS/AT</td>
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<td></td>
<td>HP ProDisplay P221 21.5&quot; LED Monitor</td>
<td>C9E49AA/A8/AS/AT</td>
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<tr>
<td></td>
<td>HP ProDisplay P201 20&quot; LED Monitor</td>
<td>C9F26AA/A8/AS/AT</td>
</tr>
</tbody>
</table>

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