QuickSpecs

HP EliteBook Folio 1040 G2 Notebook PC

Overview

HP EliteBook Folio 1040 G2 Notebook PC

1. WLAN antennas (2)
2. Dual-microphone array
3. Webcam light (only with optional webcam)
4. Optional 720p HD webcam
5. Wireless on/off button with LED indicator
6. Speaker mute button with LED indicator
7. Power connector
8. Power LED indicator
9. Docking connector
10. DisplayPort 1.2
11. USB 3.0 charging port
12. Headphone/microphone combo
13. WWAN SIM with plug (Plug is removable only for units with optional WWAN)
14. Fingerprint reader (select models only)
15. ForcePad™
16. Power button
QuickSpecs

HP EliteBook Folio 1040 G2 Notebook PC

Overview

At A Glance

- Weight starting at 3.32 lbs/1.51 kg and height of 15.9 mm (17.1 mm with touchscreen)
- Magnesium and aluminum alloy chassis, wear-resistant “meteorite” HP DuraFinish, HP DisplaySafe frame, HP DuraKeys high durability keyboard finish, aluminum alloy keyboard deck, precision aluminum drop hinge
- Ensured durability through MIL-SPEC 810G testing, plus an additional 115,000 hours of reliability testing through HP's Total Test Process
- Choice of 5th Generation Intel® Core™ i5, i7 Processors with integrated Intel® HD Graphics
- Supports a broad range of wireless LAN and wireless WAN options, including 4G LTE, for connectivity on the go Bluetooth®, NFC, and wireless display technologies such as WiDi and Miracast are also supported
- Integrated docking connector and optional HP Ultraslim Docking Station provide quick transition to a desktop setting
- Enhanced security features including HP Sure Start self-healing BIOS, HP Client Security, HP BIOSphere, and hardware security options like an HP Fingerprint Reader, optional VPro and integrated smart card reader
- Full-sized spill-resistant backlit keyboard with drain keeps you productive in low-light settings
- ForcePad™ pressure-sensing Touchpad responds to a tap or light pressure to support and enhance both basic and advanced touch gestures.
- 14.0-inch diagonal FHD (1920x1080) Touch or Non Touch Displays; HD+ (1600 x900) Non Touch Display
- 6-cell (42 WHr) HP Long Life battery for battery life up to 10 hrs 15 minutes
- Up to 512 GB Solid State Drives
- Up to 8 GB total system memory
- DisplayPort 1.2 for high resolution digital video support
- Optional HD webcam with dual-microphone array for video conferencing
- HD Audio with DTS Studio Sound™ optimized for high fidelity audio during video conferencing and web-based training
- Windows 10 versions, Windows 8.1 versions, Windows 7 versions, FreeDOS 2.0 and Ubuntu
- HP Premier Image with Microsoft Security Essentials and without trialware
- Meets military standards 810G testing* for drop, vibration, functional shock, dust, altitude, and high and low temperature*.
NOTE: See important legal disclosures for all listed specs in their respective features sections.

* Testing was not intended to demonstrate fitness for Department of Defense contracts requirements or for military use. Test results are not a guarantee of future performance under these test conditions.
**PRODUCT NAME**

HP EliteBook Folio 1040 G2 Notebook PC

**OPERATING SYSTEM**

<table>
<thead>
<tr>
<th>Preinstalled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows 10 Pro 64¹</td>
</tr>
<tr>
<td>Windows 10 Home 64¹</td>
</tr>
<tr>
<td>Windows 8.1 Pro 64¹</td>
</tr>
<tr>
<td>Windows 8.1 64¹</td>
</tr>
<tr>
<td>Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro)³</td>
</tr>
<tr>
<td>Windows 7 Professional 32 (available through downgrade rights from Windows 10 Pro)³</td>
</tr>
<tr>
<td>Windows 7 Professional 64 (available through downgrade rights form Windows 8.1 Pro)²</td>
</tr>
<tr>
<td>Windows 7 Professional 32 (available through downgrade rights form Windows 8.1 Pro)²</td>
</tr>
<tr>
<td>Windows 7 Professional 64¹</td>
</tr>
<tr>
<td>Windows 7 Professional 32¹</td>
</tr>
<tr>
<td>FreeDOS 2.0</td>
</tr>
<tr>
<td>Ubuntu (Not available on Touch or with WWAN)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Web-only Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows 10 Pro 64¹</td>
</tr>
<tr>
<td>Windows 10 Home 64¹</td>
</tr>
<tr>
<td>Windows 8.1 Pro 64¹</td>
</tr>
<tr>
<td>Windows 8.1 64¹</td>
</tr>
<tr>
<td>Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro)³</td>
</tr>
<tr>
<td>Windows 7 Professional 32 (available through downgrade rights from Windows 10 Pro)³</td>
</tr>
<tr>
<td>Windows 7 Professional 64 (available through downgrade rights form Windows 8.1 Pro)²</td>
</tr>
<tr>
<td>Windows 7 Professional 32 (available through downgrade rights form Windows 8.1 Pro)²</td>
</tr>
<tr>
<td>Windows 7 Professional 64¹</td>
</tr>
<tr>
<td>Windows 7 Professional 32¹</td>
</tr>
<tr>
<td>Windows 10 Enterprise 64¹</td>
</tr>
<tr>
<td>Windows 8.1 Enterprise 64¹</td>
</tr>
<tr>
<td>Windows 8 Pro 64¹</td>
</tr>
<tr>
<td>Windows 8 64¹</td>
</tr>
<tr>
<td>Windows 7 Enterprise 64¹</td>
</tr>
<tr>
<td>Windows 7 Enterprise 32¹</td>
</tr>
</tbody>
</table>

1. Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.microsoft.com.

2. This system is preinstalled with Windows® 7 Professional 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.

3. This system is preinstalled with Windows® 7 Professional software and also comes with a license and media for Windows 10 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.

**PROCESSOR**

5th Generation Intel® Core™ i5-5200U 2.2 GHz (max turbo frequency 2.7-GHz), 3 MB L3 cache, 15W
5th Generation Intel® Core™ i5-5300U 2.3 GHz (max turbo frequency 2.9-GHz), 3 MB L3 Cache, 15W
5th Generation Intel® Core™ i7-5600U 2.6 GHz (max turbo frequency 3.2-GHz), 4 MB L3 Cache, 15W
Technical Specifications

5th Generation Intel® Core™ i7-5650U 2.2 GHz (max turbo frequency 3.2-GHz), 4 MB L3 Cache, 15W

* 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.

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

**CHIPSET**

Integrated with processor

**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 Intel® Core i5 with vPro/Core i7 with vPro technology, such as Intel® Active Management technology and Intel® Virtualization technology, requires additional third-party software in order to run. Availability of future “virtual appliances” applications for Intel® Core i5 with vPro/Core i7 with vPro technology is dependent on third-party software providers. Compatibility with future “virtual appliances” is yet to be determined.

**GRAPHICS**

Intel® HD Graphics 5500 (i5-5200U, i5-5300U, i7-5600U)
Intel® HD Graphics 6000 (i7-5650U)

**DISPLAY**

**Non-Touch**

14.0" diagonal LED-backlit HD+* Anti-glare SVA (1600x900), 250 nits
14.0" diagonal LED-backlit FHD* Anti-glare UWVA with Panel Self Refresh (PSR)(1920x1080), 300 nits

**Touch**

14.0" diagonal LED-backlit FHD* UWVA with Panel Self Refresh (PSR) (1920x1080), 300 nits

*HD content required to view HD images.

**External**

Up to 32-bit per pixel color depth

**DisplayPort**

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 at 120 Hz

**Docking Station**

<table>
<thead>
<tr>
<th>Docking Station</th>
<th>Number of Displays supported</th>
</tr>
</thead>
<tbody>
<tr>
<td>UltraSlim Docking Station (D9Y32AA#xxx)</td>
<td>3</td>
</tr>
</tbody>
</table>
NOTE: Resolutions are dependent upon monitor capability, and resolution and color depth settings.

** HP touchscreen sold separately or as an alternate feature. Touchscreen increases starting at weight to 3.72 lbs. and height to 17.1mm. Touch panel has chemically-strengthened Corning® Gorilla® Glass 3 top cover.

### STORAGE AND DRIVES

**Primary Storage**

**Solid State Drives**
- Supports M.2 SSDs 2280
- 128 GB SATA III (MLC)
- 128 GB SATA III (TLC)
- 180 GB SATA III
- 180 GB SED SATA III OPAL2
- 256 GB SATA III (MLC)
- 256 GB SATA III (TLC)
- 256 GB SED SATA III OPAL2
- 512 GB SATA III (MLC)

* For hard drives and solid state drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) and up to 30 GB (for Windows 8.1 and 10) of system disk is reserved for the system recovery software.

**NOTE:** Internal component upgrades such as storage are not available after factory configuration.

### MEMORY

**Standard**
- DDR3L – 1600 (Transfer rates up to 1600 MT/s)
- One SODIMM slot

**Standard memory**
- 4 GB soldered down
- 8 GB (4GB + 4GB SODIMM)

**Maximum**
- 8 GB Total System*

* NOTE: Internal component upgrades to memory are not available after factory configuration.

*Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.

### 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) is an optional feature and 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. Wireless LAN and integrated Bluetooth® are also available (both are factory configurable only) and can be combined with any of the supported wireless WAN options.

**Broadband Wireless (WWAN)**
QuickSpecs

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Technical Specifications

HP lt4211 LTE-DO/HSPA+Gobi 4G Mobile Broadband Module *,**, HP lt4712 LTE/HSPA+ Qualcomm® Gobi™ 4G Mobile Broadband Module *,**, HP hs3110 HSPA+ Mobile Broadband Module *

* WWAN modules are only available if preconfigured. WWAN connection requires wireless data service contract, network support, and is not available in all areas. Contact service provider to determine the coverage area and availability. Connection speeds will vary due to location, environment, network conditions, and other factors. ** 4G LTE not available on all products, in all regions and requires Windows.

Note: Mobile Broadband sold as an optional feature that must be factory installed. Internal component upgrades to connectivity are not available after factory configuration.

Integrated wireless LAN options
Intel® 7265AN 802.11 a/b/g/n (2x2) with Bluetooth® v4.0 Combo
Intel® 7265 802.11 (2x2) AC with Bluetooth® v4.0 Combo***

Wireless access point and Internet service is required and is not included. Availability of public wireless access points limited.

Communications
Intel® 1218LM Gigabit Network connection (internal)*
Optional Near Field Communication with Secure Element**, ***

* 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.
** NFC ships enabled by default on Windows 8.1 and is disabled by default on Windows 7.
*** Sold separately or as an option.

AUDIO/WEBCAM

Audio
HD Audio with DTS Studio Sound™ *
Integrated stereo speakers
Integrated dual-array microphone
Button for speaker mute; function keys for volume up and down
Headphone/Microphone combo port

*Works only with Windows.

Webcam
Optional* 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

* Sold separately as an optional feature.
** HD content required to view HD images.
KEYBOARDS/POINTING DEVICES/BUTTONS & FUNCTION KEYS

Keyboard
- Spill-resistant with drain
- Backlit
- HP Dura Keys

Buttons and Function Keys
Discrete buttons provide easy access to the following features:
- F1 - Blank
- F2 – ForcePad™ on/off
- F3 - Sleep
- F4 - Display Switching
- F5 - Blank
- F6 - Volume Down
- F7 - Volume Up
- F8 - Mic Mute
- F9 - Brightness Down
- F10 - Brightness Up
- F11 - Backlight Toggle
- F12 - Blank

Pointing Devices
ForcePad™ pressure-sensing Touchpad responds to a tap or light pressure to support and enhance both basic and advanced touch gestures. ForcePad™ enhances some gestures, eliminating the need for repetitive motion and making navigation easier.

- Glass with chemical etched surface
- Supports 2-way scroll
- Taps enabled as default

SOFTWARE AND SECURITY

Preinstalled with Windows Operating System
BIOS
- Absolute Data Protect (Windows 8.1 only)
- HP Automatic DriveLock | HP DriveLock
- HP BIOSphere
- HP Sure Start
- HP BIOS Protection
- Disk Sanitizer
- Secure Erase
- HP SpareKey
- BIOS Update via Network
- Master Boot Record Security
- Power On Authentication
- Pre-Boot Security
- Hybrid Boot (Windows 8.1 only)
- Measured Boot (Windows 8.1 only)
QuickSpecs

HP EliteBook Folio 1040 G2 Notebook PC

Technical Specifications

Secure Boot (Windows 8.1 only)
Absolute Persistence Module

Multi-Media
Cyberlink Power DVD
Cyberlink YouCam BE (Windows 7 only)

Communications
HP Mobile Connect (Windows 8.1 only)
HP Connection Manager with support for HP Mobile Connect2 (Windows 7 only)
HP GPS and Location (Windows 7 only)
HP Wireless Hotspot (Windows 8.1 only)
Intel® Wireless Display (WiDi) Software for Windows
Intel® My WiFi and Wireless Drivers for MS

HP Value Add Software
HP Ceement (Windows 7 only)
HP ePrint Driver (HP Exclusive)
HP Hotkey
HP Manageability (activation required)
HP PageLift
HP Recovery Manager (Windows 7 only)
HP Recovery Disc Creator (Windows 7 only)
HP Registration App (Windows 8.1 only)
HP Setup
HP Software Setup
HP Support Assistant
HP Wallpaper

3rd Party
Foxit PhantomPDF Express for HP

Microsoft Products
Skype
Buy Office

Manageability
HP Driver Packs
HP SoftPaq Download Manager (SDM)
HP System Software Manager (SSM)
HP BIOS Config Utility (BCU)
HP Client Catalog / HP CIK for Microsoft SCCM
LANDESK Management

For more information on HP Client Management Solutions refer to: http://www.hp.com/go/clientmanagement.

Client Security - Software
HP Drive Encryption
HP File Sanitizer (SSDs and Hybrid Drives not supported)
HP Security Manager
Microsoft Security Essentials (Windows 7 only)
Microsoft Defender (Windows 8.1 only)

Standard
1.2
Technical Specifications

Integrated Smart Card Reader
HP Fingerprint Reader
Security lock slot
Preboot Authentication


1. Absolute Data Protect software is preloaded, subscription required. See 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. 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. HP BIOSphere features may vary depending on the PC platform & configuration.

3. Requires a HPTools partition for automatic recovery.


5. Requires initial user set up. Business Desktops don’t support Spare Key in the BIOS.

6. For the methods outlined in the National Institute of Standards and Technology Special Publication 800-88. Supported on ElitePad 900 G1 with BIOS version F.03 and higher.

7. BIOS Absolute Persistence module is shipped turned off, and will be activated when customers purchase and activate 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.

8. HP Mobile Connect service requires a compatible CDMA or HSPA mobile broadband module and prepaid service purchase. Find coverage and availability for your service area at hp.com/go/mobileconnect. Available in EMEA only.

9. GPS access requires an unobstructed path to multiple satellites. Performance may be affected if/when used inside of buildings, bridges or heavily congested metropolitan areas. Requires separately purchased GPS navigation software available from multiple GPS applications.

10. The HP Wireless Hotspot application requires an active internet connection and separately purchased data plan. While HP wireless hotspot is active, on-device applications will continue to work and will use the same data plan as the wireless hotspot. Wireless hotspot data usage may incur additional charges. Check with your service provider for plan details. Requires Windows 8.1 or HP Connection Manager for Windows 7.

11. Integrated Intel Wi-Di feature is available on select configurations only and requires separately purchased projector, TV or computer monitor with an integrated or external Wi-Di receiver. External Wi-Di receivers connect to the projector, TV or computer monitor via a standard HDMI cable, also sold separately.

12. 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/businessmobileprinting).

13. Skype is not offered in China.

14. Not preinstalled, however available on manageability website.

15. LANDesk is an optional feature 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."

16. Data is protected prior to Drive Encryption login. Turning the PC off or into hibernate logs out of Drive Encryption and prevents data access. Requires Windows.

17. 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/AC Adapters
Technical Specifications

- 45W 2-prong AC Adapter
- 45W Smart AC Adapter
- 65W Smart EM AC Adapter
- 65W Slim AC Adapter

Power cord included is 3.2 ft / 1 m long. Optional: 1.8m long Power Cord (5.9 ft)

**Primary Battery**
HP 6-Cell (42Whr) polymer long life battery

**Battery Life**

<table>
<thead>
<tr>
<th>Platform</th>
<th>Other Hardware details</th>
<th>Battery</th>
<th>With UMA Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP EliteBook 1040 G2</td>
<td>M.2 SSD</td>
<td>6-cell (42Whr)</td>
<td>Up to 10 hrs 15 min</td>
</tr>
</tbody>
</table>

**System Standby Time**
Up to TBD

**Power Conservation**
- Hibernation
- Standby
- ACPI compliance

**WEIGHTS & DIMENSIONS**

**Weight**
Starting at 3.32 lbs / 1.51 kg and height of 15.9 mm (17.1 mm with touchscreen).

NOTE: Weight varies by configuration and components.

**Dimensions (w x d x h)**

**Non Touch**
13.31 x 9.19 x 0.63 in
33.8 x 23.35 x 1.59 cm

**Touch**
13.31 x 9.19 x 0.67 in
33.8 x 23.35 x 1.71 cm

**PORTS/CONNECTORS**

**Ports**
- Input / Output
- DisplayPort 1.2
- (2) USB 3.0 Charging Port
- Docking connector
- Headphone/Microphone Combo
- Multi-Pin AC Port (4.5mm)

**Digital Media Slots**
- Micro SD Media Reader Slot - Supports SD, SDHC, SDXC
SERVICE AND SUPPORT

HP Services offers 3-year, 1-year and 90 day limited warranty options depending on country. Batteries have a default one year limited warranty except for Long Life batteries which will have same 1-year or 3-year limited warranty as the platform. On-site service and extended coverage is also available. HP Care Pack Services are optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: http://www.hp.com/go/cpc.

** Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc.

ENVIRONMENTAL

Eco-Label Certifications & declarations
This product has received or is in the process of being certified to the following approvals and may be labeled with one or more of these marks:
- IT ECO declaration
- US ENERGY STAR®
- EPEAT Gold registered in the United States. See http://www.epeat.net for registration status in your country.

System Configuration
The configuration used for the Energy Consumption and Declared Noise Emissions data for the Notebook model is based on a “Typically Configured Notebook”.

Energy Consumption (in accordance with US ENERGY STAR® test method)

<table>
<thead>
<tr>
<th>Test Condition</th>
<th>115VAC, 60Hz</th>
<th>230VAC, 50Hz</th>
<th>100VAC, 60Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Operation (Short idle)</td>
<td>5.60 W</td>
<td>5.50 W</td>
<td>5.71 W</td>
</tr>
<tr>
<td>Normal Operation (Long idle)</td>
<td>2.79 W</td>
<td>2.84 W</td>
<td>2.65 W</td>
</tr>
<tr>
<td>Sleep</td>
<td>0.45 W</td>
<td>0.69 W</td>
<td>0.60 W</td>
</tr>
<tr>
<td>Off</td>
<td>0.28 W</td>
<td>0.37 W</td>
<td>0.28 W</td>
</tr>
</tbody>
</table>

Note:
Energy efficiency data listed is for an ENERGY STAR® compliant product if offered within the model family. HP computers marked with the ENERGY STAR® Logo are compliant with the applicable U.S. Environmental Protection Agency (EPA) ENERGY STAR® specifications for computers. If a model family does not offer ENERGY STAR® compliant configurations, then energy efficiency data listed is for a typically configured PC featuring a hard disk drive, a high efficiency power supply, and a Microsoft Windows® operating system.

Heat Dissipation*

<table>
<thead>
<tr>
<th>Test Condition</th>
<th>115VAC, 60Hz</th>
<th>230VAC, 50Hz</th>
<th>100VAC, 60Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Operation (Short idle)</td>
<td>19 BTU/hr</td>
<td>19 BTU/hr</td>
<td>20 BTU/hr</td>
</tr>
<tr>
<td>Normal Operation (Long idle)</td>
<td>10 BTU/hr</td>
<td>10 BTU/hr</td>
<td>9 BTU/hr</td>
</tr>
<tr>
<td>Sleep</td>
<td>2 BTU/hr</td>
<td>2 BTU/hr</td>
<td>2 BTU/hr</td>
</tr>
<tr>
<td>Off</td>
<td>1 BTU/hr</td>
<td>1 BTU/hr</td>
<td>1 BTU/hr</td>
</tr>
</tbody>
</table>

*NOTE: Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.

Declared Noise Emissions

<table>
<thead>
<tr>
<th>Emission Type</th>
<th>115VAC, 60Hz</th>
<th>230VAC, 50Hz</th>
<th>100VAC, 60Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound Power (LwA, bels)</td>
<td>Sound Pressure (LpA, decibels)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Emission Type</th>
<th>115VAC, 60Hz</th>
<th>230VAC, 50Hz</th>
<th>100VAC, 60Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sleep</td>
<td>2 BTU/hr</td>
<td>2 BTU/hr</td>
<td>2 BTU/hr</td>
</tr>
<tr>
<td>Off</td>
<td>1 BTU/hr</td>
<td>1 BTU/hr</td>
<td>1 BTU/hr</td>
</tr>
</tbody>
</table>

*NOTE: Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.
Quick Specs

HP EliteBook Folio 1040 G2 Notebook PC

Technical Specifications

(in accordance with ISO 7779 and ISO 9296)

| Typically Configured – Idle | 2.8 | 18  
| Fixed Disk – Random writes | 2.8 | 18  

Batteries

This battery(s) in this product comply with EU Directive 2006/66/EC

Batteries used in the product do not contain:
Mercury greater than 1ppm by weight
Cadmium greater than 20ppm by weight

Battery size: CR2032 (coin cell)
Battery type: Lithium
Battery size: 6-cell high capacity Lithium-Ion battery.

Additional Information

This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive - 2011/65/EC.

This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive – 2002/96/EC.

This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986).

This product is in compliance with the IEEE 1680 (EPEAT) standard at the gold level, see www.epeat.net

Plastics parts weighing over 25 grams used in the product are marked per ISO11469 and ISO1043.

This product contains 0 % post-consumer recycled plastic (by wt.)
This product is 96.6 % recycle-able when properly disposed of at end of life.

Packaging Materials

External: PAPER/Paper 374 g
Internal: PLASTIC/EPE-Expanded Polyethylene 23 g
PLASTIC/Polypropylene 3 g

The plastic packaging material contains at least 30 % recycled content.
The paper packaging materials contains at least 30 % recycled content.

Material Usage

This product does not contain any of the following substances in excess of regulatory limits (refer to the HP General Specification for the Environment at http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/gse.pdf):

Asbestos
Certain Azo Colorants
Certain Brominated Flame Retardants – may not be used as flame retardants in plastics
Cadmium
Chlorinated Hydrocarbons
Chlorinated Paraffins
Formaldehyde
Halogenated Diphenyl Methanes
Lead carbonates and sulfates
Lead and Lead compounds
Mercuric Oxide Batteries
Nickel – finishes must not be used on the external surface designed to be frequently handled or carried by the user.
Ozone Depleting Substances
Polybrominated Biphenyls (PBBs)
Polybrominated Biphenyl Ethers (PBBEs)
Polybrominated Biphenyl Oxides (PBBOs)
Polychlorinated Biphenyl (PCB)
Polychlorinated Terphenyls (PCT)
Polyvinyl Chloride (PVC) – except for wires and cables, and certain retail packaging has been voluntarily removed from most applications.
Radioactive Substances
Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)

Packaging Usage
HP follows these guidelines to decrease the environmental impact of product packaging:
- Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials.
- Eliminate the use of ozone-depleting substances (ODS) in packaging materials.
- Design packaging materials for ease of disassembly.
- Maximize the use of post-consumer recycled content materials in packaging materials.
- Use readily recyclable packaging materials such as paper and corrugated materials.
- Reduce size and weight of packages to improve transportation fuel efficiency.
- Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.

End-of-life Management and Recycling
Hewlett-Packard offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: http://www.hp.com/go/reuse-recycle or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: http://www.hp.com/go/recyclers. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

Hewlett-Packard Corporate Environmental Information
For more information about HP’s commitment to the environment:
Global Citizenship Report
Eco-label certifications
ISO 14001 certificates:
and

COUNTRY OF ORIGIN
China
## Options and Accessories (sold separately and availability may vary by country)

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<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Part Number</th>
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<tbody>
<tr>
<td>Cases</td>
<td>HP Business Slim Top Load (up to 14.1&quot; x .75&quot; thick)</td>
<td>H5M91AA</td>
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<td>HP Executive Leather Messenger (up to 14.0&quot; x 1&quot;)</td>
<td>K0A31AA</td>
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<td>HP Slim Ultrabook Messenger (up to 15.6&quot; x .88&quot;/22/5mm)</td>
<td>F3W14AA</td>
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<td>HP Slim Ultrabook Top Load (up to 15.6&quot; x .88&quot;/22/5mm)</td>
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<td>HP Slim Ultrabook Backpack (up to 15.6&quot; x .88&quot;/22/5mm)</td>
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<td>Stands</td>
<td>HP Adjustable Dual Monitor Stand</td>
<td>AW664AA#xxx</td>
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<td>HP Display and Notebook Stand II</td>
<td>E8G00AA#xxx</td>
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<tr>
<td>Docking</td>
<td>HP UltraSlim Docking Station</td>
<td>D9Y32AA</td>
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<tr>
<td>Input Devices</td>
<td>HP Wireless Mobile Mouse</td>
<td>H2L63AA</td>
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<td>HP X4000b Bluetooth Mouse</td>
<td>H3T50AA#xxx</td>
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<td>HP Ultra Mobile Wireless Mouse</td>
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<td>G1K28AA</td>
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<td>Adapters</td>
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<td>NL571AA/AT</td>
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<td>HP DisplayPort to HDMI 1.4 Adapter</td>
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<td>HP DisplayPort to DVI Adapter</td>
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<td>HP DisplayPort to VGA Adapter</td>
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<td>HP Dock Connector to Ethernet/VGA Adapter</td>
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<td>HP Wireless Display Adapter</td>
<td>J1V25AA#xxx</td>
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<td>Power Adapters</td>
<td>HP 45W Smart AC Adapter (4.5mm) (PL MP only)</td>
<td>H6Y88AA#xxx</td>
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<td>HP 65W Smart AC Adapter (4.5mm)</td>
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<td>Security</td>
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<td>Storage</td>
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<td>Monitors</td>
<td>HP EliteDisplay E221c 21.5-in Webcam Monitor</td>
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<td>HP EliteDisplay E231i 23-inch IPS Monitor</td>
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<td>HP EliteDisplay E271i 27-inch IPS Monitor</td>
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<td>HP EliteDisplay S231d 23-inch LED Backlit Monitor</td>
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<td>HP EliteDisplay S240ml 23.8-in MHL Monitor</td>
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Summary of Changes

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<tr>
<th>Date of change</th>
<th>Version History</th>
<th>Description of change:</th>
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<tr>
<td>January 22, 2015</td>
<td>V1 to V2</td>
<td>Updated Added the Environmental content added, overview,</td>
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<td></td>
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<td>wireless, graphics, displays, software, and power cords.</td>
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<td>February 3, 2015</td>
<td>V2 to V3</td>
<td>Added Battery life on page 11</td>
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<td>Military standards test results on page 3</td>
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<tr>
<td>February 26, 2015</td>
<td>V3 to V4</td>
<td>Removed WLAN Draft specs disclaimer on page 7</td>
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<tr>
<td>March 13, 2015</td>
<td>V4 to V5</td>
<td>Updated Memory section page 6</td>
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<tr>
<td>May 5, 2015</td>
<td>V5 to V6</td>
<td>Removed 2013 from Docking name D9Y32AA</td>
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<tr>
<td>June 29, 2015</td>
<td>V6 to v7</td>
<td>Updated Overview with Windows 10 page 3</td>
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<td>Operating System added Windows 10 page 4</td>
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<td>Footnote for Windows page 4</td>
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<td>Storage footnote page 6</td>
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<td>Removed 2.0 from TPM page 10</td>
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