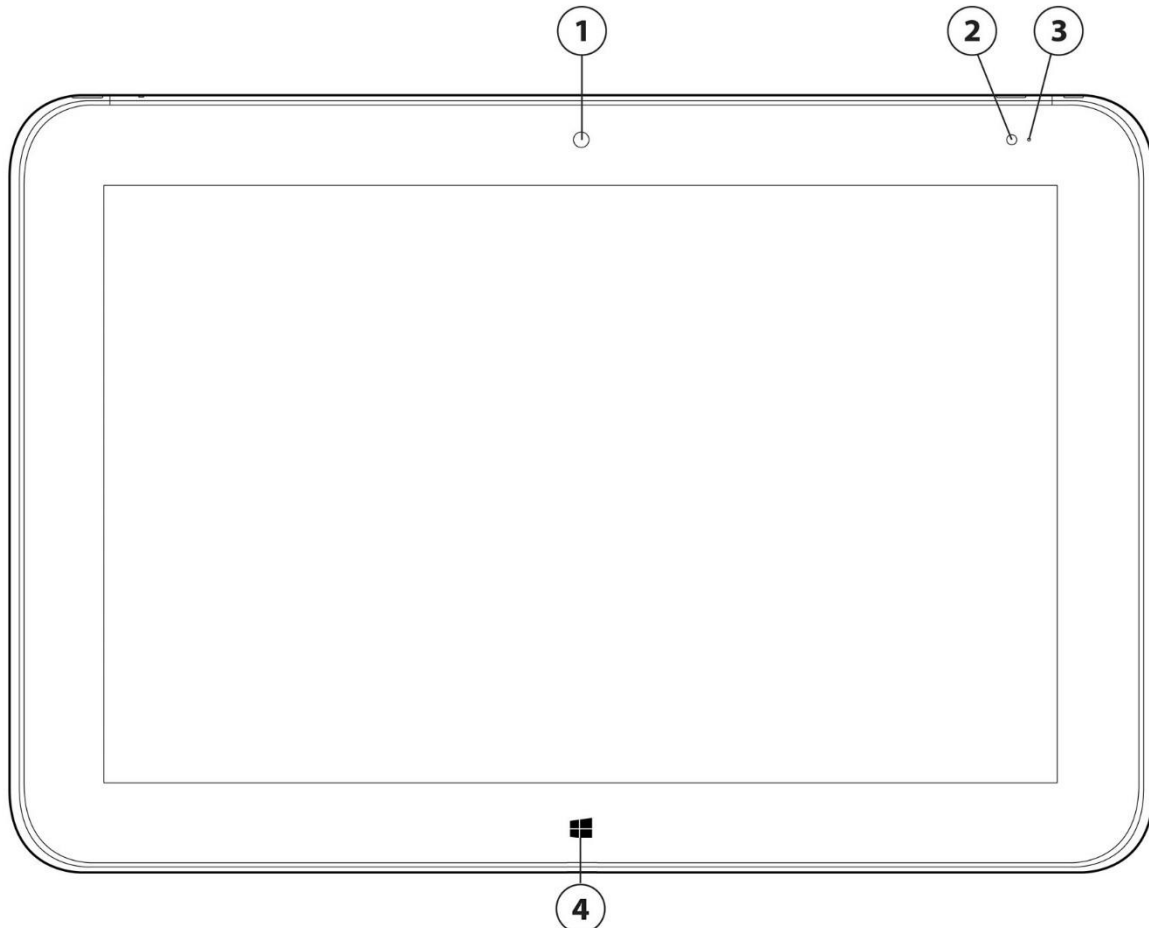


Overview

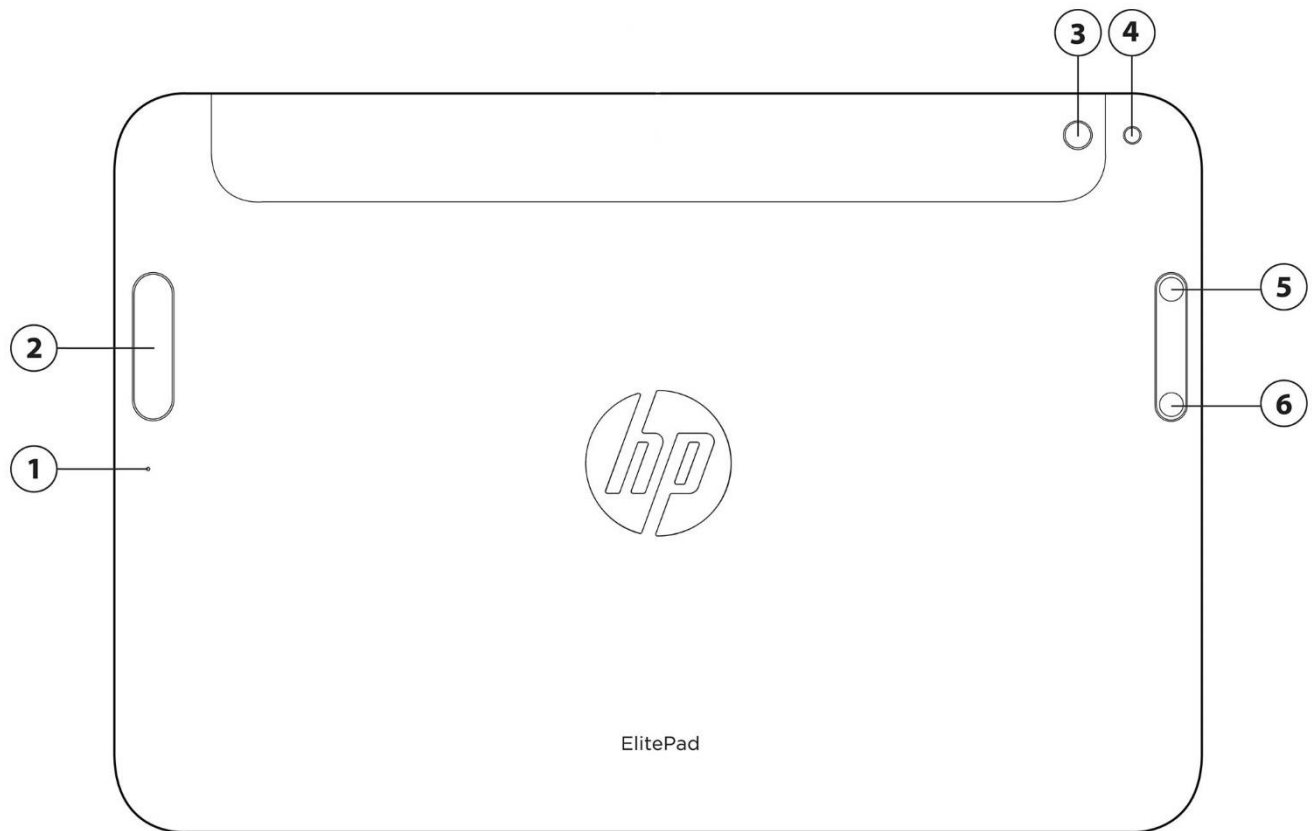
HP ElitePad 1000 G2



Display Side

- | | | | |
|----|---------------------------------|----|-------------------------|
| 1. | Front-facing 2.1MP/1080p camera | 3. | Front-facing camera LED |
| 2. | Ambient Light Sensor (ALS) | 4. | Home button |

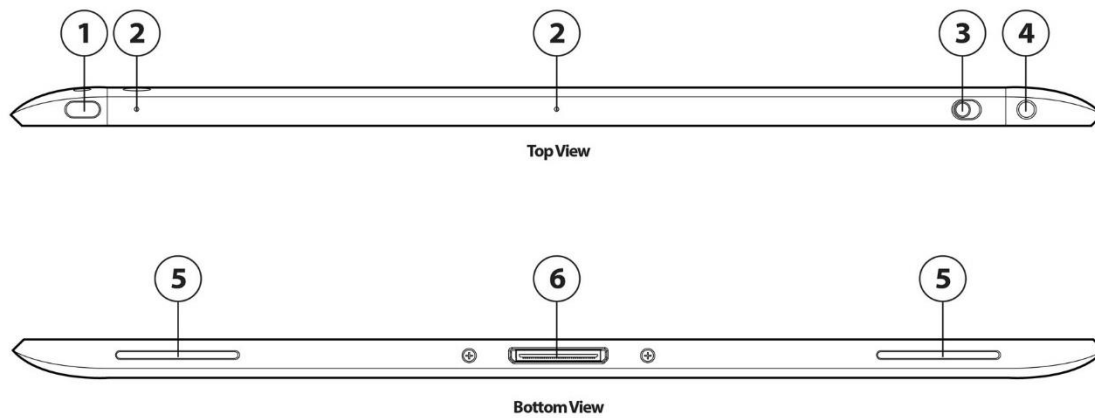
Overview



Rear View

- | | | | |
|----|----------------------------------|----|-------------|
| 1. | MicroSDXC door eject hole | 4. | Flash LED |
| 2. | SIM / MicroSDXC card access door | 5. | Volume up |
| 3. | Rear Facing 8MP camera | 6. | Volume down |

Overview



- | | |
|--|---|
| 1. Power button | 4. Combo headphone-out/microphone-in jack |
| 2. Integrated microphone (dual-microphone array) | 5. Stereo speakers |
| 3. Rotation lock switch | 6. Docking connector |

Overview

AT A GLANCE

- Windows 8.1 Pro 64, Windows 8.1 64, Windows 8.1 Pro 64 Retail Solutions, Windows Embedded Industry 8.1 64, Windows 10
- Two integrated webcams (2.1 MP/1080p (front facing); 8 MP with LED flash (rear facing))
- Intel® Atom Bay Trail-T Z3795 Quad Core 1.6 GHz SoC BGA
- Integrated Intel HD Graphics
- 10.1-inch diagonal full HD (1920 x 1200) wide-viewing angle outdoor display; 16:10 Aspect Ratio
- 4GB LPDDR3 1067 MHz Memory
- Easily hot dock with the optional HP ElitePad Docking Station
- 2-cell (30 WHr) polymer HP Long Life battery
- 64 GB or 128 GB embedded Multi Media Card (eMMC)
- 9.2 mm thin profile
- Weight starting at 1.50 lbs (0.68 kg)
- MicroSDXC card slot supports SDXC Cards up to 2TB
- Wireless connectivity:
 - HP hs3110 HSPA+ Mobile Broadband Module with GPS support
 - HP lt4111 LTE/EV-DO/HSPA+ Qualcomm® Gobi™ 4G Module with GPS support
 - HP lt4112 LTE/HSPA+ Qualcomm® Gobi™ 4G Module with GPS support
 - HP lt4225 LTE/HSPA+ Qualcomm® Gobi™ 4G Module with GPS support
 - HP lt4226 LTE/HSPA+ Qualcomm® Gobi™ 4G Module with GPS support
 - Broadcom 43241 802.11 a/b/g/n (2x2)+ BT 4 LE SDIO
- HP ElitePad Expansion Jacket, HP ElitePad Expansion Jacket with Battery, HP ElitePad Docking Station, HP ElitePad Rugged Case, HP External Optical Drive, HP ElitePad Security Jacket, HP ElitePad Security Jacket with Smart Card Reader and Fingerprint Reader, and HP ElitePad Productivity Jacket are some of the optional accessories that may be included on select configurations
- Standard commercial 1 year warranty with upgrade available with optional HP Care Pack

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

Features

PRODUCT NAME

HP ElitePad 1000 G2

OPERATING SYSTEM

Preinstalled (Windows) Windows 8.1*
Windows 8.1 Pro 64*
Windows Embedded 8.1 Industry 64*
Windows 8.1 Pro 64 (National Academic only)*
Windows 10 Home 64*
Windows 10 Home 64 (National Academic only)*
Windows 10 Pro 64*
Windows 10 Pro 64 (National Academic only)*
Windows 10 IoT Enterprise*

Web Only Windows 8.1
Windows 8.1 Pro 64
Windows Embedded 8.1 Industry 64
Windows 8.1 Pro 64 (National Academic only)
Windows 8.1 Enterprise 64
Windows 10 Home 64
Windows 10 Home 64 (National Academic only)
Windows 10 Pro 64
Windows 10 Pro 64 (National Academic only)
Windows 10 Enterprise 64
Windows 10 IoT Enterprise

*Note: 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>.

PROCESSOR

Intel® Atom Z3795 (Quad Core 1.6 GHz base/2.39 GHz burst SoC BGA)*

* 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 SoC PCH

GRAPHICS

Integrated:
Intel HD Graphics

Features

DISPLAY

Internal

10.1-inch diagonal full HD (1920 x 1200) wide-viewing angle outdoor display

- Wide-viewing angle
- Direct bonded
- Multi-touch capacitive digitizer
- Auto rotate (selectable)
- Tough, durable Corning Gorilla Glass 3
- Anti-smudge coating

External

Up to 32-bit per pixel color depth

HDMI

Supports resolutions up to 1920x1080 @ 60 Hz

STORAGE AND DRIVES

Internal Storage Device

64* or 128 GB* embedded Multi Media Card (eMMC)

MicroSDXC card slot supported

Supports MicroSDXC Cards up to 2TB

Removable Storage

Optional HP External Optical Drive using ElitePad USB connector

* For Solid State Drives (SSD), GB = 1 billion bytes. Actual formatted capacity is less. Up to 5 GB for Windows 8.1 is reserved for system recovery software.

MEMORY

Standard

4 GB LPDDR3 1067 MHz memory

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 available in select countries. 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)

HP hs3110 HSPA+ Mobile Broadband Module with GPS support **,**

HP lt4111 LTE/EV-DO/HSPA+ Qualcomm® Gobi™ 4G Module with GPS support **,**

HP lt4112 LTE/HSPA+ Qualcomm® Gobi™ 4G Module with GPS support **,**

HP lt4225 LTE/HSPA+ Qualcomm® Gobi™ 4G Module with GPS support **,**

HP lt4226 LTE/HSPA+ Qualcomm® Gobi™ 4G Module with GPS support **,**

Integrated Wireless LAN

Broadcom 43241 802.11 a/b/g/n (2x2)+ BT 4 LE SDIO***

Features

Other Wireless Features

Miracast

Intel WiDi Software****

* 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, and in all regions.

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

**** 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.

AUDIO/MULTIMEDIA

Audio

HD audio

2 Integrated stereo speakers

2 integrated microphones (dual-microphone array) (noise cancelling and beam forming)

Combo stereo/headphone/microphone jack

Cameras

Integrated 2.1 MP/1080p* with LED (front-facing)

8 MP with LED flash (rear facing)

* HD content required to view HD images.

INPUT DEVICES

Optional HP Executive Tablet Pen G2*

* Sold separately or purchased as an optional feature.

SENSORS

Accelerometer

eCompass

Gyroscope

Ambient Light Sensor

Haptics

SOFTWARE AND SECURITY

Software

Included

Preinstalled (Windows)

Windows 8.1

Windows 8.1 Pro 64

Windows Embedded 8.1 Industry 64

Windows 8.1 Pro 64 (National Academic only)

Windows 10 Home 64

Windows 10 Home 64 (National Academic only)

Windows 10 Pro 64

Windows 10 Pro 64 (National Academic only)

Features

Windows 10 IoT Enterprise

Web Support

Windows 8.1

Windows 8.1 Pro 64

Windows Embedded 8.1 Industry 64

Windows 8.1 Pro 64 (National Academic only)

Windows 8.1 Enterprise 64

Windows 10 Home 64

Windows 10 Home 64 (National Academic only)

Windows 10 Pro 64

Windows 10 Pro 64 (National Academic only)

Windows 10 Enterprise 64

Windows 10 IoT Enterprise

*Note: 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>.

Windows 8.1

Windows 10

Security

HP Client Security (incl. Credential Manager and Password Manager)
HP Drive Encryption⁵

HP Client Security (incl. Credential Manager and Password Manager)
HP Drive Encryption⁵

Device Access Manager with Just In Time Authentication
Microsoft Defender¹

Microsoft Defender¹

Communications

HP Mobile Connect²

HP Mobile Connect²

HP Wireless Hotspot³

HP Roaming Alert (available from Windows store)

HP Roaming Alert (available from Windows store)

HP Value Add Software

HP ePrint Driver⁴

HP ePrint Driver⁴

HP Manageability

HP Manageability

HP PageLift

Win 10 Welcome App

HP Registration

HP Setup

HP Setup

HP Softpaq Download Manager

HP Softpaq Download Manager

HP Software Setup

HP Support Assistant

HP Support Assistant

HP WallPaper

HP WallPaper

System Default Settings

System Default Settings

Features

	UEFI System Diagnostics	UEFI System Diagnostics
3rd Party	Amazon Kindle	
	PDF Complete, Corporate Edition	
	Box 50GB Offer ⁶	
Microsoft Products	Buy Office	Buy Office

1. Internet access required.
2. HP Mobile Connect is available in EMEA only and requires a compatible CDMA or HSPA mobile broadband module and prepaid service purchase. Find coverage and availability for your service area at www.hp.com/go/mobileconnect.
3. 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.
4. Offer available on new 2013 and 2014 HP Business Desktops, Notebooks, and Tablets. Requires Box registration. Offer available to new Box users only. Offer subject to change without notice. Box app requires Windows 8 or 8.1
5. 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.
6. Offer available on new 2013 and 2014 HP Business Desktops, Notebooks, and Tablets. Requires Box registration. Offer available to new Box users only. Offer subject to change without notice. Box app requires Windows 8 or 8.1.

Features

Security

Client Management Solutions - Fully manageable and supported by industry-standard HP Client Management Solutions. Optional LANDesk management suite simplifies mobile device management and security. Contact your account team or hp@landesk.com for more information.

LANDesk Management Suite 9.5 (optional) LANDesk Security Suite (optional)
HP SoftPaq Download Manager (SDM)*
HP System Software Manager (SSM)*
HP BIOS Configuration Utility (BCU)*
HP Client Management Interface (HP CMI)*

* **free downloads available at the CMS website under HP Hardware Management tools**
www.hp.com/go/clientmanagement

Standard

Firmware TPM* (default), hardware TPM (v1.2)
Optional Near Field Communication with Secure Element**

* A subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).

** NFC is shipped disabled. NFC is optional and application or software sold separately. **Please note that only NFC standards compliant cards are supported.**

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

POWER

Power Supply

External 10-watt HP ElitePad 10W Smart AC Adapter with detachable duck-heads
Total length is 5.9 ft (180 cm).

Primary Battery

2-cell (30 WHr) Lithium Polymer battery

Battery Life

Up to 13 hours for the tablet alone*

Up to 21 hours:30 minutes with optional HP Expansion Jacket with Battery **

*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 programs, utilities, and services not essential to running the computer system or battery life test 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.

**Requires separately purchased tablet base. 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 programs, utilities, and services not essential to running the computer system or battery life test were disabled. Battery life will vary depending on the product model, configuration, loaded applications, features, use,

Features

wireless functionality and power management settings. The maximum capacity of the battery will naturally decrease with time and usage.

System Standby Time

Standby life will vary depending on various factors including battery, Memory, CPU, EC and LAN chip. The maximum capacity of the battery will naturally decrease with time and usage.

Power Conservation

Balanced

* Sold separately or as an optional feature.

Features

WEIGHTS & DIMENSIONS

Weight

Starting at 1.50 lbs. (0.68 kg) (Weight will vary by configuration.)

Dimensions (w x d x h)

10.28 x 7.01 x 0.36 in

261 x 178 x 9.2 mm

NOTE: Weight varies by configuration and components. Weight includes 2-cell battery, embedded Multi Media Card, and 4 GB memory.

PORTS/SLOTS

Ports

Headphone/Microphone Combo Jack – One

System Connector – One

Digital Media Slots

Micro SDXC card slot

Micro SIM slot

EXPANSION SOLUTIONS*

Optional HP ElitePad G2 USB 3.0 Adapter

Optional HP USB Adapter (Included if a DIB jacket or DIB dock is not configured with the tablet.)

Optional HP ElitePad Serial Adapter

Optional HP ElitePad Docking Station

Optional HP ElitePad Expansion Jacket

Optional HP ElitePad Productivity Jacket

Optional HP ElitePad Security Jacket

Optional HP ElitePad Security Jacket with Smart Card Reader and Fingerprint Reader

* Sold separately or as an optional feature.

SERVICE AND SUPPORT

1-year standard parts, labor and onsite limited warranty, depending on country); 1-year limited warranty on primary 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>.

* Sold separately or as an optional feature.

NOTE: 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. Consult the HP Customer Support Center for details. <http://h20000.www2.hp.com/bizsupport/TechSupport/ProductRoot.jsp>

Technical Specifications

SYSTEM UNIT

Stand-Alone Power Requirements (AC Power)	Nominal Operating Voltage	90 Vac~265 Vac
	Average Operating Power	8 W
Temperature	Max Operating Power	< 10 W
	Operating	32° to 95° F (0° to 35° C)
Relative Humidity	Non-operating	-4° to 140° F (-20° to 60° C)
	Operating	10% to 90%, non-condensing
Shock	Non-operating	5% to 95%, 101.6° F (38.7° C) maximum wet bulb temperature
	Operating	40 G, 2 ms, half-sine
Random Vibration	Non-operating	200 G, 2 ms, half-sine
	Operating	0.75 grms
Altitude (unpressurized)	Non-operating	1.50 grms
	Operating	-50 to 10,000 ft (-15.24 to 3,048 m)
Planned Industry Standard Certifications	Non-operating	-50 to 40,000 ft (-15.24 to 12,192 m)
	UL	Yes
	CSA	Yes
	FCC Compliance	Yes
	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

For accessibility information on HP products, please visit: <http://www.hp.com/accessibility>.

Technical Specifications

MIL-STD 810G TEST

High Temperature test*	The High Temperature test was performed in accordance with MIL-STD-810G, Method 501.5, Procedure I (Storage). This test evaluated the units' performance while it was being exposed to high temperature conditions: 71°C (160°F) nonoperational. Test cycle 24 hours; test consisted of seven cycles.
High Temperature test*	The High Temperature test was performed in accordance with MIL-STD-810G, Method 501.5, Procedure II (Operation). This test evaluated the units' performance while it was being exposed to high temperature conditions: 60°C (140°F) operational. Four hours duration.
Low Temperature test*	The Low Temperature test was performed in accordance with MIL-STD-810G, Method 502.5, Procedure I (Storage). This test evaluated the unit's performance while it was being exposed to low temperature conditions: -51°C (-60°F) nonoperational. Four hours duration.
Low Temperature test*	The Low Temperature test was performed in accordance with MIL-STD-810G, Method 502.5, Procedure II (Operation). This test evaluated the unit's performance while it was being exposed to low temperature conditions: -29°C (20°F) operational. Four hour duration.
Altitude*	The Altitude test was performed in accordance with MIL-STD-810G, Method 500.5, Procedure I (Storage) and II (Operation). The altitude level simulated for both procedures was 15,000 feet at 57kPa. Four hour duration
Humidity*	The humidity test was performed in accordance with MIL-STD-810G, Method 507.5, Procedure II. Relative humidity 95%. Temperature cycled between 86°F and 140°F. Test cycle 24 hours; test consisted of ten cycles
Drop*	The drop test was performed in accordance with MIL-STD-810G, Method 516.6, Procedure IV. The objective of this test was to determine whether the unit was operational after being dropped from desk height. For this test, 26 drops were performed from 30" onto every side, angle and edge onto 2" of plywood over steel over concrete.
Dust*	The dust test was performed in accordance with MIL-STD-810G, Method 510.5, Procedure I. Test parameters were set so that the unit was dusted with Arizona Road Dust for six hours while being operated. Each cycle was one day (24 hours); ten cycles with the temperature being cycled between 30°C (86°F) and 60°C (140°F); and relative humidity was a constant 95%.
Vibration*	The vibration test was performed in accordance with MIL-STD-810G, Method 514.6, Procedure I category 4. This test evaluated the units performance after it has been subjected to higher levels of vibration while in storage: Operational U.S. highway truck exposure, 1000 mile Simulation and One hour/axis duration
Vibration 2*	The vibration test was performed in accordance with MIL-STD-810G, Method 514.6, Procedure I category 24. This test evaluated the units performance after it has been subjected to higher levels of vibration while in storage: Non-operational 0.04 g ² /Hz at 20-1000 Hz, -6 dB/octave at 1000-2000 Hz and One hour/axis duration
Shock*	The shock test was performed in accordance with MIL-STD-810G, Method 516.6.5, Procedure I. This test objective was to determine whether the unit could be safely operated after being exposed to sudden physical shock events while operational. For this test, 3 shocks were performed across each axis and direction for a total of 18 shocks -40Gs peak, 11ms

*MIL STD 810G testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Damage under the MIL STD test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

Technical Specifications

DISPLAYS

10.1-inch diagonal WUXGA wide-viewing angle outdoor display (1920 x 1200)	Diagonal Size	10.1 inch
	Surface	Anti-smudge Gorilla Glass 3
	Refresh Rate	60Hz
	Brightness	400 nits (typical)*
	Format	1920 x 1200

* All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

STORAGE AND DRIVES

64 GB embedded Multi Media Card (eMMC)	Drive Weight	Up to 2g
	Capacity	64 GB
	Height	1.4 mm
	Width	12 x 16 mm
	Interface	MMC protocol v4.51
	Performance	Sequential Read : 100MB/s (min.) Sequential Write : 40MB/s (min.)
	Features	Embedded Multi Media Card v4.51 compliant, TRIM, Secure Erase, CMD5 support, Partition management, Enhanced Write Protection, HS200 support
128 GB embedded Multi Media Card (eMMC)	Drive Weight	Up to 2g
	Capacity	128 GB
	Height	1.4 mm
	Width	12 x 16 mm
	Interface	MultiMediaCard Bus
	Performance	Sequential Read : 100MB/s (min.) Sequential Write : 40MB/s (min.)
	Features	Embedded Multi Media Card v4.51 compliant, TRIM, Secure Erase, CMD5 support, Partition management, Enhanced Write Protection, HS200 support

SECURITY

Optional Near Field Communications (NFC)*	NFC Specifications	ISO/IEC 14443A, ISO/IEC 14443B PCD 106 kbps to 848 kbps ISO/IEC 14443A, ISO/IEC 14443B PICC 106 kbps to 424 kbps ISO/IEC 15693/ICODE reader NFC-IP1 and NFC-IP2 protocols, 106 kbps to 424 kbps MIFARE reader encryption mechanism NFC Forum Types 1-4 card reader
	Supported Host Interfaces	I2C Automatic wakeup from Standby via host control interface
	Dimensions	0.18 x 0.18 x 0.04 in (4.5 x 4.5 x 0.9 mm)
	Frequency Band	13.56 MHz ISO Band
	RF Output Voltage	3.3 V max 150 mA max (@3.0V output)
	Power Consumption	1.5 W (max)

Technical Specifications

Antenna	Built-in
Antenna Range	Up to 0.79 in (2 cm)
Secure Element Interfaces	SWP/HCI according to ETSI/SCP standardization ISO/IEC 28361 (ECMA 373) NFC-WI. Data rate restricted to 106kbps
Embedded Secure Element (eSE)	P5CN145 SmartMX Secure Dual Interface PKI Smart Card Controller
eSE Memory	144 kB EEPROM 264 kB User ROM 7.5 kB RAM (5 kB standard, 2.5 kB FameXE RAM)

Operating Temperature -13 to 185 °F (-25 to +85°C)

* NFC is shipped disabled. NFC is optional and application or software sold separately. **Please note that only NFC standards compliant cards are supported.**

NETWORKING/COMMUNICATIONS

HP hs3110/3114 HSPA+ Mobile Broadband Module with GPS support*	Technology/Operating bands	WCDMA/HSDPA/HSUPA/HSPA+: 2100(Band I), 1900 (Band II), AWS(Band IV), 850 (Band V), 900 (Band VIII) MHz GSM/GPRS/EDGE: 1900 MHz (Band II), 1800 MHz (Band III), 850 MHz (Band V), 900 MHz (Band VIII) MHz HSPA+: 2100 (Band 1), 1900 (Band 2), 1700 (Band 4), 850 (Band 5), 900 (Band 8) E-GPRS: 1900 (Band 2), 1800 (Band 3), 850 (Band 5), 900 (Band 8) 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	Standalone, A-GPS
	GPS Bands	1575.42 MHz ± 1.023 MHz, GLONASS 1596-1607MHz
	Maximum data rates	HSPA+: UL 5.76 Mbps / DL 21.6 Mbps HSPA: UL 5.76 Mbps / DL 7.2 Mbps WCDMA PS: UL 384 kbps / DL 384 kbps WCDMA CS: UL 64 kbps / DL 64 kbps GPRS: UL 85.6 kbps / DL 107 kbps EDGE: UL 236.8 kbps/DL 296 kbps
	Maximum output power	WCDMA/HSPA/HSPA+ MHz: 24 dBm GPRS 1900/1800 MHz: 30 dBm GPRS 900/850 MHz: 33 dBm EDGE 1900/1800 MHz: 26 dBm EDGE 900/850 MHz: 27 dBm
	Maximum power consumption	2500 mA (peak); 600 mA (average)
	Power consumption, sleep mode	3.6 mA
	Power management	USB selective suspend
	Antenna type	Dual high efficiency multi-band antennae with spatial diversity

Technical Specifications

Form Factor	M.2, 3042-S3 Key B
Weight	6 g
Dimensions (Length x Width x Thickness)	1.65 x 1.18 x 0.09 in (42 x 30 x 2.3 mm)
Voltage, Operating	3.3 V +1.1/-0.17 V
Temperature, Operating	14° to 131°F (-10° to 55°C)
Temperature, Non- operating	-40° to 185°F (-40° to 85°C)
Humidity	5% to 95%

*** Mobile Broadband is an optional feature. 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.**

HP It4111 LTE/EV- DO/HSPA+ 4G WWAN with GPS support*

Technology/Operating Bands	LTE FDD all bands with diversity: 1700/2100MHz (Band IV (AWS), 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 (Band II), 1800 MHz (Band III), 850 MHz (Band V), 900 MHz (Band VIII) CDMA: Cellular 800MHz (BC0), PCS 1900MHz (BC1) LTE: 1900 (Band 2) , 1700/2100 (Band 4), 850 (Band 5), 700 (Band 13), 700 (Band 17), 1900 (Band 25) MHz HSPA+: 2100 (Band 1), 1900 (Band 2) , AWS 1700/2100 (Band 4), 850 (Band 5), 800 (Band 8) MHz E-GPRS: 1900 (Band 2), 1800 (Band 3) , 850 (Band 5) , 900 (Band 8) MHz EV-DO: 800 (BC0), 1900 (BC1) MHz
Wireless Protocol Standards	3GPP Release 8 LTE Specification WCDMA R99, 3GPP Release 5, 6 and 7 UMTS Specification EVDO Release 0 and Release A
Maximum Data Rates	LTE: UL 50 Mbs / DL 100 Mbs DC-HSPA+: UL 5.76 Mbs / DL 42 Mbps HSPA+: UL 5.76 Mbs / DL 21.6 Mbps EDGE: UL 236.8 kbps / DL 236.8 kbps GPRS: UL 85.6 kbps / DL 85.6 kbps
GPS	Standalone, XTRA
GPS Bands	1575.42 MHz ± 1.023 MHz, GLONASS 1596-1607MHz
Maximum Output Power	LTE: 23 dBm WCDMA/HSPA/HSPA+: 23 dBm GSM850/900, GMSK: 32 dBm GSM850/900, 8PSK: 27 dBm DCS1800 / PCS 1900, GMSK: 29 dBm DCS1800 / PCS 1900, 8PSK: 26 dBm CDMA: 24 dBm
Maximum Power Consumption	LTE: 1,200 mA (peak); 900 mA (average) WCDMA: 1,100 mA (peak); 800 mA (average) EDGE: 2,500 mA (peak); 700 mA (average)
Power Consumption, Sleep Mode	2 mA

Technical Specifications

Power Management	USB selective suspend
Antenna Type	Dual high efficiency multi-band antennae with spatial diversity
Form Factor	M.2, 3042-S3 Key B
Weight	6 g
Dimensions (Length x Width x Thickness)	1.65 x 1.18 x 0.09 in (42 x 30 x 2.3 mm)
Voltage, Operating	3.3 V +1.1/-0.17 V
Temperature, operating	-13° to 140°F (-25° to 60°C)
Temperature, Non-operating	-40° to 185°F (-40° to 85°C)
Humidity, Non-operating	95%

*** Mobile Broadband is an optional feature. 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.**

HP lt4112 LTE/HSPA+ Gobi 4G Module with GPS support*

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/HSDPA/HSUPA/HSPA+ all bands with diversity: 2100 MHz (Band I), 1900 MHz (Band II), 850 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) LTE: 2100 (Band 1), 1900 (Band 2), 1800 (Band 3), 850 (Band 5), 2600 (Band 7), 900 (Band 8), 800 MHz (Band 20, DD800) MHz HSPA+: 2100 (Band 1), 1900 (Band 2), 850 (Band 5), 900 (Band 8) MHz E-GPRS: 1900 (Band 2), 1800 (Band 3), 850 (Band 5), 900 (Band 8) MHz
Wireless protocol standards	3GPP Release 8 LTE Specification WCDMA R99, 3GPP Release 5, 6 and 7 UMTS Specification
Maximum data rates	LTE: UL 50 Mbps / DL 100 Mbps DC-HSPA+: UL 5.76 Mbps / DL 42 Mbps HSPA+: UL 5.76 Mbps / DL 21.6 Mbps EDGE: UL 236.8 kbps / DL 236.8 kbps GPRS: UL 85.6 kbps / DL 85.6 kbps
GPS	Standalone, XTRA
GPS bands	1575.42 MHz ± 1.023 MHz, GLONASS 1596-1607MHz
Maximum output power	LTE: 23 dBm WCDMA/HSPA/HSPA+: 23.5 dBm GPRS 1900/1800 MHz: 29.5 dBm GPRS 900/850 MHz: 32.5 dBm EDGE 1900/1800 MHz: 26.5 dBm EDGE 900/850 MHz: 27.5 dBm
Maximum power consumption	LTE: 1,200 mA (peak); 900 mA (average) WCDMA: 1,100 mA (peak); 800 mA (average) EDGE: 2,800 mA (peak); 700 mA (average)
Power consumption, sleep mode	3 mA

Technical Specifications

Power management	USB selective suspend
Antenna type	Dual high efficiency multi-band antennae with spatial diversity
Form Factor	M.2, 3042-S3 Key B
Weight	6 g
Dimensions (Length x Width x Thickness)	1.65 x 1.18 x 0.09 in (42 x 30 x 2.3 mm)
Voltage, Operating	3.3 V +1.1/-0.17 V
Temperature, operating	14° to 131°F (-10° to 55°C)
Temperature, Non-operating	-40° to 185°F (-40° to 85°C)
Humidity, non-operating	95%

*** Mobile Broadband is an optional feature. 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.**

HP It4225 LTE/EV-DO Gobi 4G Module with GPS support*	Technology/Operating bands	LTE (FDD) B11/B18 CDMA/DO BC0/BC6
	Wireless protocol standards	LTE(FDD):3GPP Release 8 3GPP2: EVDO Rev B, eHRPD
	GPS	GPS Standalone, A-GPS, XTRA, Glonass
	GPS Bands	GPS L1:1575.42 MHz (± 1.023 MHz), Glonass L1: 1602MHz + 0.5625*k
	Maximum data rates	1x: UL (153.6 kbps)/DL (153.6 kbps) EVDO Rev.B: UL (5.4 Mbps)/DL (14.7 Mbps) LTE FDD: UL (50 Mbps)/DL (100 Mbps) @ Bandwidth 20M (CAT3)
	Maximum transmitter power	LTE: Accorded with 3GPP TS 36.101 R8 Class 3(23dBm) CDMA BC0 :+23 dBm (Power Class 3) CDMA BC6: +23 dBm (Power Class 2)
	Maximum power consumption	2500mA (peak); 1100mA (average)
	Power consumption, sleep mode	1.6 mA(RF close) 3.6mA(register on net)
	Power management	USB selective suspend
	Antenna type	RF connector MM4829-2702RA4 by MURATA or other equivalent connectors
	Form Factor	M.2, 3042-S3 Key B
	Weight	<6 g
	Dimensions (Length x Width x Thickness)	42 mm x 30 mm x 2.3 mm
	Voltage, Operating	3.135V to ~4.4V (3.3 V recommended)
	Temperature, operating	-10° C° to 55° C
	Temperature, storage	-40°C to 85° C
	Humidity	5% to 95%

*** Mobile Broadband is an optional feature. 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.**

Technical Specifications

HP It4226 LTE/HSPA+ Gobi 4G Module with GPS support*	Technology/Operating bands	LTE (FDD) B1/B19/B21 DC-HSPA+/HSPA+/HSPA/UMTS B1/B5/B6/B19		
	Wireless protocol standards	LTE(FDD):Release 8 UMTS/WCDMA: Release 99 and Release 7		
	GPS	GPS Standalone, A-GPS, XTRA, Glonass		
	GPS Bands	GPS L1:1575.42 MHz (± 1.023 MHz), Glonass L1: 1602MHz + 0.5625*k		
	Maximum data rates	WCDMA PS: UL (384 kbps)/DL (384 kbps) DC-HSPA+: UL (5.76 Mbps)/DL (42 Mbps) LTE FDD: UL (50 Mbps)/DL (100 Mbps) @ Bandwidth 20M (CAT3)		
	Maximum transmitter power	WCDMA/HSPA+: +24dBm (Power Class 3) LTE: Accorded with 3GPP TS 36.101 R8 Class 3(23dBm)		
	Maximum power consumption	2500mA (peak); 1100mA (average)		
	Power consumption, sleep mode	1.6 mA(RF close) 3.6mA(register on net)		
	Power management	USB selective suspend		
	Antenna type	RF connector MM4829-2702RA4 by MURATA or other equivalent connectors		
	Form Factor	M.2, 3042-S3 Key B		
	Weight	<6 g		
	Dimensions (Length x Width x Thickness)	42 mm x 30 mm x 2.3 mm		
	Voltage, Operating	3.135V to ~4.4V (3.3 V recommended)		
	Temperature, operating	-10° C° to 55° C		
	Temperature, storage	-40°C to 85° C		
	Humidity	5% to 95%		
* Mobile Broadband is an optional feature. 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.				
BROADCOM DUAL BAND WIRELESS-N 43241 802.11 A/B/G/N (2X2) WIFI + BLUETOOTH 4.0 COMBO ADAPTOR *	WIRELESS LAN STANDARDS	IEEE 802.11A IEEE 802.11B IEEE 802.11G IEEE 802.11N		
	Interoperability	Wi-Fi certified Cisco Compatible Extensions Program compliant with Microsoft Windows 7, Windows Vista and XP (details at: http://www.hp.com/go/notebooks/WLAN)		
	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	
	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		

Technical Specifications

	802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11n: MCS 0 ~ MCS 15, (20MHz, and 40MHz)
Modulation	Direct Sequence Spread Spectrum CCK, BPSK, QPSK, 16-QAM, 64-QAM
Security¹	• 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 local regulations.
Network Architecture Models	Ad-hoc (Peer to Peer) Infrastructure (Access Point Required)
Roaming	IEEE 802.11 compliant roaming between band Access Points
Output Power²	• 2.4G: +13.5dBm minimum • 5G: +12dBm minimum
Power Consumption	Transmit: 2.0 Watts Receive: 1.6 Watts Idle mode ³ : 150 mW (WLAN Associated) Idle mode: 50 mW (WLAN unassociated) Radio off: 25 mW
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) 802.11g:-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) 802.11n:-69 dBm (150 Mbps), -66 dBm (300 Mbps)
Antenna Connections	2 U.FL type connectors (output impedance of 50 ± 2 ohms)
Form Factor	Customize LGA Card
Dimensions	Width 17 x Depth 10.5 x High 1.5(mm)
Operating Voltage	3.3v +/- 9% and 1.8V +/- 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)

Technical Specifications

HP Integrated Module with Bluetooth 4.0 LE SDIO Wireless Technology*

*This module is Bluetooth Smart Ready for systems running Windows 8 and Windows 8.1.

Bluetooth Specification	BT 4.0 LE SDIO
Dimensions	Width 17 x Depth 10.5 x High 1.5(mm)
Frequency Band	2402 to 2480 MHz
Number of Available Channels	79 (1 MHz) available channels
Data Rates and Throughput	3 Mbps data rate; throughput up to 2.17 Mbps Synchronous Connection Oriented links up to 3, 64 kbps, voice channels Asynchronous Connection Less links 2178.1 kbps/177.1 kbps asymmetric or 1306.9 kbps symmetric
Transmit Power	-1.5 dBm to 4 dBm (Bluetooth Class II)
Receiver Sensitivity	Better than -20 dBm at 0.1 % raw bit error rate
Power Consumption	Peak (Tx) 300 mW Peak (Rx) 180 mW Selective Suspend 10 mW
Antenna	Internally integrated within module
Range	Up to 33 ft (10 m)
Electrical Interface	UART compliant Microsoft Windows Plug and Play compliant
Bluetooth Software Supported	Broadcom Bluetooth for Windows Microsoft Windows Bluetooth Software
Link Topology	Point to Point, Multipoint Pico Nets up to 7 slaves
Security	Full support of Bluetooth Security Provisions
Power Management	Microsoft Windows ACPI, and USB Bus Support Self-configurable to optimize power conservation in all operating modes, including Standby, Hold, Park, and Sniff
Certifications	All necessary regulatory approvals for supported countries, including: FCC (47 CFR) Part 15C, Section 15.247 & 15.249 ETS 300 328, ETS 300 826 Low Voltage Directive IEC950 UL, CSA, and CE Mark
Bluetooth Profiles Supported	Serial Port Profile (SPP) ¹ Service Discovery Application Profile (SDAP) Dial-Up Networking (DUN) ^{1,2} Generic Object Exchange Profile (GOEP) ^{1,2} Object Push Profile (OPP) ^{1,2} File Transfer Profile (FTP) Synchronization Profile (SYNC) Hard Copy Cable Replacement (HCRP) ^{1,2} Personal Area Networking Profile (PAN) ^{1,2} Human Interface Device Profile (HID) ^{1,2} FAX Profile (FAX) Basic Imaging Profile (BIP) ² Headset Profile (HSP) Hands Free Profile (HFP) Advanced Audio Distribution Profile (A2DP)

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

Technical Specifications

AUDIO/MULTIMEDIA – HD AUDIO

Audio Output Quality	Frequency Response	20 Hz - 20 kHz
	Signal to Noise Ratio	>85 dB
	Total Harmonic Distortion	0.01%
	Noise Floor	-110 dB
	Play/Record Sampling Rate(s)	8 kHz - 48kHz
	DAC	16, 20 or 24-bit
	ADC	16 or 20-bit
Integrated Stereo Speakers	Power Rating	500mW
	Impedance	4 ohm
POWERHP 10W NON-SMART AC ADAPTER	Dimensions	2.56 x 2.17 x 1.12 in (65.0 x 55.0 x 28.5 mm)
	Input	100 to 240 VAC
	Input dPower Rating	< 15W
	Input frequency range	47 – 63 Hz
	Input AC current	0.3A at 90 VAC
	Voltage	9V +/- 4.0%
	Constant power	11 W (maximum) continuously between DC output 9V – 6.5V
	Hold-up time	5 msec at 115 VAC input
	Output current limit	1.1A
	Output	
	Connector	3 pin/grounded, mates with interchangeable cords; 70 pin / tyco connector (to tablet side)
	Environmental Design	
	Operating temperature	32° to 95° F (0° to 35° C)
	Non-operating (storage) temperature	-4° to 185° F (-20° to 85° C)
EMI and Safety Certifications	Operating altitude	0 to 16,404 ft (0 to 5,000 m)
	Non-operating altitude	0 to 50,000 ft (0 to 15,240 m)
	Humidity	0% to 95%
	Storage Humidity	0% to 95%
	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
	HP 2-cell (30 WHr) Polymer Long Life Primary battery	
	Weight	0.17 kg
	Dimensions (H x W x L)	8.7 x 1.56 x 0.17 in (22.09 x 13.963 x 0.43 cm)
	Cells/Type	2-cell, Lithium Ion Polymer
	Energy	
	Voltage	7.4V
	Amp-hour capacity	4.2
	Watt-hour capacity	30Wh

Technical Specifications

Temperature	Operating (Charging)	32° to 113° F (0° to 45° C)
	Operating (Discharging)	14° to 140° F (-10° to 60° C)
	Non-operating	-4° to 140° F (-20° to 60° C)
Battery Re-Charge Time	System in OFF or Standby Mode	depends on system setting
	System ON	depends on system setting
Fuel Gauge LED	No	
Warranty	36 months	
Optional Travel Battery Available	No	

Environmental Data

ENVIRONMENTAL DATA

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

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)

	115VAC, 60Hz	230VAC, 50Hz	100VAC, 60Hz
Normal Operation (Short idle)	2.83 W	2.98 W	2.83 W
Normal Operation (Long idle)	1.22 W	1.21 W	1.22 W
Sleep	0.26 W	0.29 W	0.26 W
Off	0.20 W	0.22 W	0.20 W

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*

	115VAC, 60Hz	230VAC, 50Hz	100VAC, 60Hz
Normal Operation (Short idle)	10 BTU/hr	10 BTU/hr	10 BTU/hr
Normal Operation (Long idle)	4 BTU/hr	4 BTU/hr	4 BTU/hr
Sleep	1 BTU/hr	1 BTU/hr	1 BTU/hr
Off	1 BTU/hr	1 BTU/hr	1 BTU/hr

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

Declared Noise Emissions (in accordance with ISO 7779 and ISO 9296)

	Sound Power (LWAd, bels)	Sound Pressure (LpAm, decibels)
Typically Configured - Idle	2.0	14
Fixed Disk - Random writes	2.0	14

Batteries

Product Does not contain batteries

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).
- Plastics parts weighing over 25 grams used in the product are marked per ISO11469 and ISO1043.
- This product contains 7.7% post-consumer recycled plastic (by wt.)
- This product is 97.6% recycle-able when properly disposed of at end of life.

Packaging Materials

External:

PAPER/Paper

253.3 g



Environmental Data

Internal:	PLASTIC/Polyethylene low density	6.5 g
	PLASTIC/EPE-Expanded Polyethylene	29 g
The plastic packaging material contains at least 71.22% recycled content.		
The PAPER/Paper packaging materials contains at least 0% recycled content.		

CLEANING

The following cleaning solutions, if used as instructed in the user guide, will not harm the HP ElitePad 1000 G2:

- Benzyl-C12-18-alkyldimethyl ammonium chlorides < 1%
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides < 1%
- Isopropanol 10-20%; Ethylene Glycol Monobutyl Ether 1-5%)
- n-Alkyl Dimethyl Benzyl Ammonium Chloride 5%-10%
Didecyl Dimethyl Ammonium Chloride 5%-10%
Ethyl Alcohol 1%-5%
Lauryl dimethyl amine oxide 0.1%-1.5%
- Alkyl dimethyl benzyl ammonium chloride.....0.16%
Octyl decyl dimethyl ammonium chloride.....0.12%
Dioctyl dimethyl ammonium chloride.....0.06%
Didecyl dimethyl ammonium chloride.....0.06%
- Ethylene glycol n-hexyl ether 0.1%-1.0%
Isopropanol 1%-5%
Water 90%-95%
- Sodium hypochlorite 1%-5%
Sodium hydroxide 0.5%-2%
- Dimethyl benzyl ammonium chloride 0.3 percent maximum concentration disposable wipes that come in a variety of brand names.
- Alcohol-free glass cleaning fluid
- Water with mild soap solution

Please refer to the user guide that came with your product for detailed instructions about how to clean your HP ElitePad 1000 G2 using these solutions.

MATERIAL USAGE

This product does not contain any of the following substances in excess of regulatory limits (for reference of these limits please refer to the HP General Specification of the Environment

http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen_specifications.html):

- 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
- Ozone Depleting Substances
- Polybrominated Biphenyls (PBBs)

Environmental Data

- 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)
- Nickel finishes that release greater than 0.5 µgrams/cm²/week, measured according to EN 1811:1998, are not used on any product surface designed to be frequently handled or touched by users.

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

Eligible for recycling or cash back through HP's buyback and recycling program.*

www.hp.com/go/smbrecycling (10 units or less)

www.hp.com/go/businessrecycling (overview of all business related end of use programs)

Email recycling.quote@hp.com to get a quote or details on recycling programs

***Program may not be available in your area. Check www.hp.com/go/recycling to see if HP offers for recycling in your area.

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

<http://www.hp.com/hpinfo/globalcitizenship/qcreport/index.html>

Environment website

<http://www.hp.com/environment>

Eco-label certifications

<http://www.hp.com/hpinfo/globalcitizenship/environment/productdesign/ecolabels.html>

ISO 14001 certificates:

<http://www.hp.com/hpinfo/globalcitizenship/environment/operations/envmanagement.html>

Environmental Data

COUNTRY OF ORIGIN

China

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

Type	Description	Part #
Cases	HP ElitePad Case	H4R88AA
	HP ElitePad Dockable Case	F1M97AA
	HP ElitePad Exp Jacket Case	H7A97AA
	HP ElitePad Rugged Case	H4R89AA
	HP G2 ElitePad Rugged Case	F5A38AA
Docking	HP ElitePad Expansion Jacket	H4J85AA
	HP ElitePad Expansion Jacket with Battery	D2A23AA
	HP ElitePad Expansion Jacket Cover	H7A97AA#ABA
	HP ElitePad Docking Station	H4J84AA
	HP ElitePad Docking Station (EMEA)	COM84ET#ABB/ABU
	HP ElitePad Docking Station (Americas)	COM84UT#ABA
	Optional HP ElitePad Docking Station	COM84AA#ABA
Security	HP Security Jacket Cover	E6N31AA
	HP Security Jacket w/SCR	E5S90AA
	HP Security Jacket w/SCR and FPR	E5S91AA
Input/Output	HP Executive Tablet Pen (G2)*	F3G73AA
	HP Executive Capacitive Stylus	G4Y85AA#ABA
	HP ElitePad 3.0 Adapter	E8F98AA
	Optional HP ElitePad G2 USB 3.0 Adapter	E8F98AA
	HP ElitePad Productivity Jacket	D6S54AA
	HP ElitePad Productivity Jacket (Americas)	D6S54UT#ABA
	HP ElitePad Productivity Jacket (EMEA)	D6S54ET#ABB
	Optional HP ElitePad Security Jacket	E5S90AA
	HP Security Jacket Cover	E6N31AA
	Optional HP ElitePad Security Jacket with Smart Card Reader and Fingerprint Reader	E5S91AA
	HP ElitePad SD Card Reader	H3N48AA
	HP ElitePad Serial Adapter	H3N50AA
	HP Slim Bluetooth Keyboard	H4Q44AA
	HP Mini Wireless Keyboard (Multitouch)	E5J21AA
	HP Ultra Mobile Wireless Mouse	H6F25AA
	HP X4000b Bluetooth Mouse	H3T50AA
	HP Slim Bluetooth Mouse	F3J92AA
	HP Touch to Pair Mouse (Bluetooth)	H6E52AA#ABA
	* HP Executive Tablet Pen (G2) is only compatible with HP ElitePad 1000 G2 and HP Revolve G2.	
	HP ElitePad 10 Watt AC Adapter	H4K08AA
	HP 65W Smart Adapter	ED49494AA
Power		

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

	HP ElitePad 40W AC Adapter	H5W93AA
	HP ElitePad Jacket Battery	H4F20AA
	HP ElitePad 12W USB Auto Adapter	F5V87AA
	HP ElitePad Smart AC Adapter	H3N47AA
	HP ElitePad USB Chrg 24Pk Cable	F5V88A6
Video	HP ElitePad HDMI & VGA Adapter	H3N45AA
Networking	HP ElitePad Ethernet Adapter	H3N49AA
	HP ElitePad Power/Ethernet Adapter	F9D31AA
Charging Station	HP Multi-Tablet Charging Module	H4W98UT
Miscellaneous	HP Retail Jacket for ElitePad No Battery	E6R78AA
	HP Retail Jacket for ElitePad w/Battery	E6R79AA
	HP Tablet Cleaning Kit	K6F99AA

NOTE: For additional information and specifications for the HP ElitePad Accessories, please access the HP ElitePad Accessories QuickSpecs: http://h18004.www1.hp.com/products/quickspecs/14491_div/14491_div.html

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

Summary of Changes

Date of change:	Version History:		Description of change:
July 16, 2014	From v1.6 to v7	Upgrade	Change the version so it would match the PB
		Addition	Added the change log
August 20, 2014	From v7 to v8	Remove	Remove from Options the value "HP USB External DVDRW Drive F2B56AA"
October 2, 2014	From v8 to v9	Addition	Added new accessory to the Miscellaneous under options "HP Tablet Cleaning Kit "
November 10, 2014	From v9 to v10	Removal	Remove the value "DTS Sound" from all instances
January 27, 2015	From v10 to v11	Addition	Added new section for cleaning
February 24, 2015	From v11 to v12	Change	Change the value on battery life
April 17, 2015	From v12 to v13	Change	Change the value on OS support.
July 28, 2015	From v13 to v14	Change	Change OS for the Windows 10 upload
August 28, 2015	From v14 to v15	Addition	Added new chart MIL-STD 810G TEST