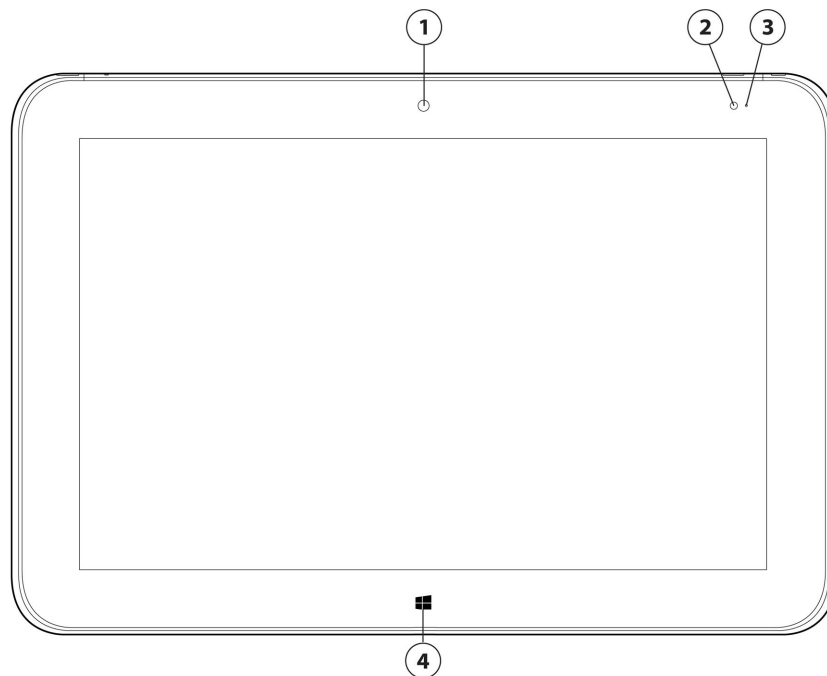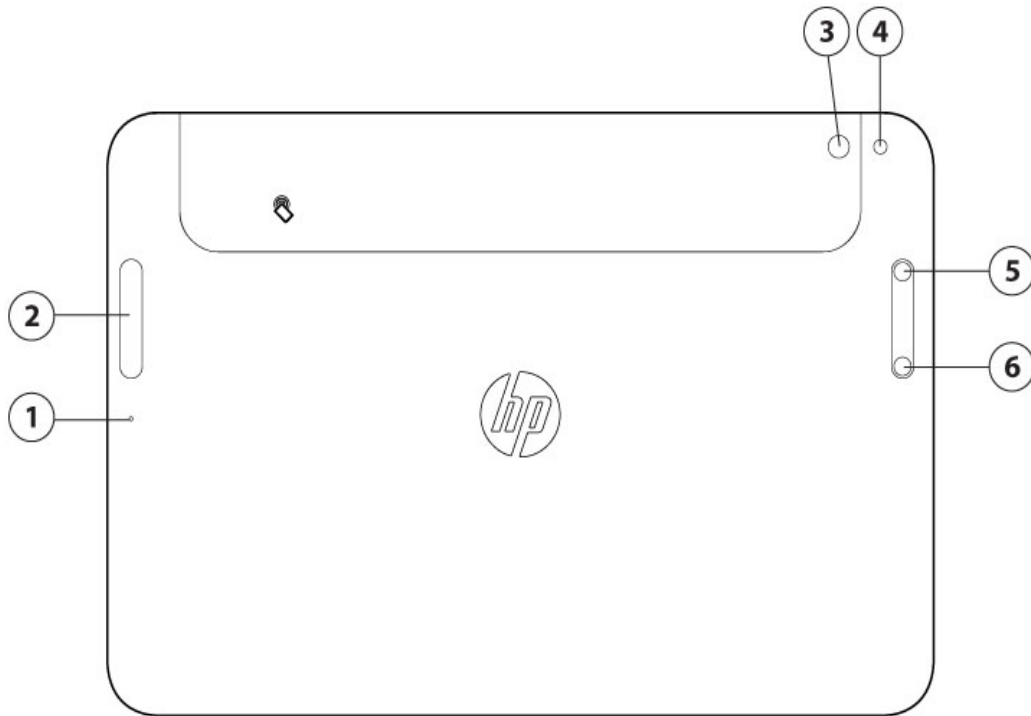## Overview

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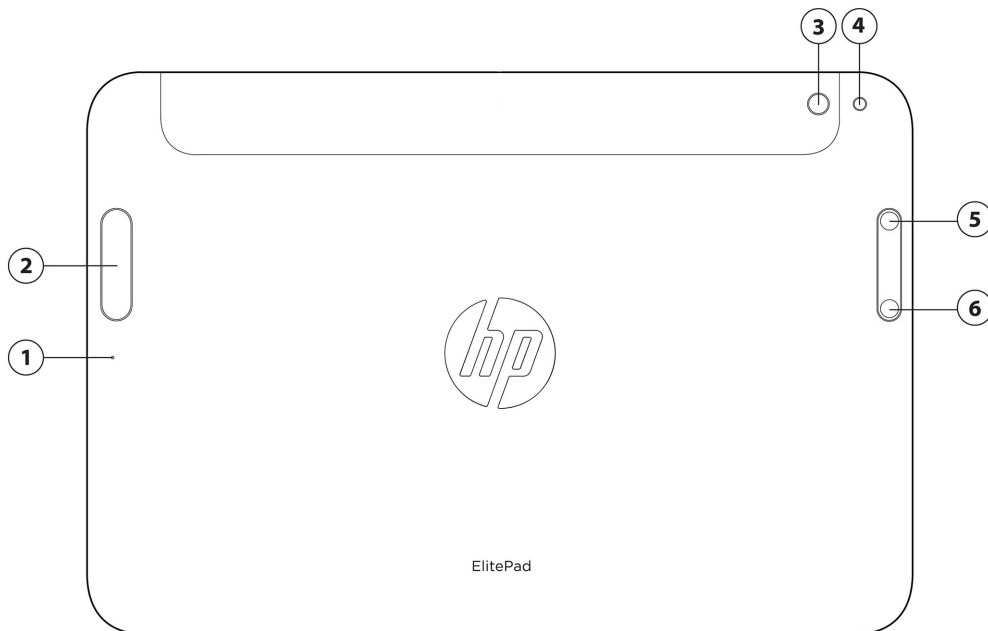
1. Front-facing 2.1MP/1080p camera
2. Ambient Light Sensor (ALS)
3. Front-facing camera LED
4. Home button

Overview

Rear View

1. MicroSDXC door eject hole
2. SIM / MicroSDXC card access door
3. Rear Facing 8MP camera

4. Flash LED
5. Volume up
6. Volume down

Overview

1. Power button
2. Integrated microphone (dual-microphone array)
3. Rotation lock switch

4. Combo headphone-out/microphone-in jack
5. Stereo speakers
6. Docking connector

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
- 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 WUXGA wide-viewing angle outdoor display (1920 x 1200); 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
- 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
  - HP lt4111 LTE/EV-DO/HSPA+ Gobi 4G Module
  - 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 8.1 Pro 64*
                            Windows 8.1 64*
                            Office Home & Student 2013**
                            Windows 8.1 Pro 64 Retail Solutions*
                            Windows Embedded 8.1 Industry 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 for details. **Select Windows SST systems include Office Home & Student 2013 with full versions of Word, Excel, PowerPoint and One Note and is not available in all regions. Office Home & Student 2013 edition software may not be used for commercial, non-profit or revenue-generating activities.

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 WUXGA wide-viewing angle outdoor display (1920 x 1200)

- 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

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

Features

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*,**
HP lt4111 LTE/EV-DO/HSPA+ Gobi 4G Module*,**

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

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 with DTS Sound +
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.

Features

SENSORS

Accelerometer
eCompass
Gyroscope
Ambient Light Sensor
Haptics

SOFTWARE AND SECURITY

Software	
Included	**Windows 8.1**
Security	HP Client Security (incl. Credential Manager and Password Manager)
	Absolute Data Protect[1]
	Device Access Manager with Just In Time Authentication
	HP Trust Circles Standard[2]
	Microsoft Defender[3]
Communications	HP Mobile Connect[4]
	HP Wireless Hotspot[5]
	HP Roaming Alert (available from Windows store)
	Intel WiDi Software[6]
	T-Mobile (MBAE)
HP Value Add Software	HP ePrint Driver[7]
	HP Manageability
	HP PageLift
	HP Registration
	HP Setup
	HP Softpaq Download Manager
	HP Software Setup
	HP Support Assistant
	HP WallPaper
	System Default Settings
	UEFI System Diagnostics
3rd Party	Amazon Kindle
	PDF Complete, Corporate Edition
	Box 50GB Offer[8]
	Netflix
Microsoft Products	Buy Office

1. HP ElitePad 1000 includes a 4 year license of Absolute Data Protect to locate your device, lock and prevent unauthorized access and remotely delete personal data. License must be activated by customer. 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 Trust Circles Standard, when included, allows up to 5 Trust Circles with up to 5 contacts in each Trust Circle. Optional Trust Circles Pro required for unrestricted number of Trust Circles and contacts. Trust Circles Reader is available to allow a contact to participate in an invited Trust Circle. Requires Windows. Available at: http://hptc.cryptomill.com.

Features

   3. Internet access required.
   4. HP Mobile Connect is available in EMEA only and requires a compatible CDMA or HSPA mobile broadband module
   5. and prepaid service purchase. Find coverage and availability for your service area at: www.hp.com/go/mobileconnect.
   6. 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.
   Fearless Roaming is available in France, Germany, Poland, Spain, Austria, Switzerland and Finland.
   7. 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.
   8. 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.

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.

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

Features

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

System Standby Time

Up to TBD weeks*
*Standy 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

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.

Features

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**	TBD V
	Average Operating Power	TBD W
	Max Operating Power	< 10 W
Temperature	**Operating**	32° to 95° F (0° to 35° C)
	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
	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.

DISPLAYS

Technical Specifications

10.1-inch diagonal WUXGA wide-viewing angle outdoor display (1920 x 1200)	**Diagonal Size**	10.1 inch
	Surface	Anti-smudge Corning® Gorilla® Glass 3
	Refresh Rate	60Hz
	Brightness	400 nits (typical)*
	Format	1920 x 1200
	Other Display Features	• Wide-viewing angle • Direct bonded • Multi-touch capacitive digitizer • Auto rotate (selectable)

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

STORAGE AND DRIVES

Internal Storage

64 GB embedded Multi Media Card	**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	**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

Technical Specifications

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)
	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 oF (-25 to +85oC)

* NFC is shipped disabled. NFC is optional and application or software sold separately.

NETWORKING/COMMUNICATIONS

HP hs3110/3114 HSPA+ Mobile Broadband Module*	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
	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

Technical Specifications

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

Technical Specifications

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	
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.

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)	

Technical Specifications

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: MCS 0 ~ MCS 15, (20MHz, and 40MHz)
Modulation	Direct Sequence Spread Spectrum CCK, BPSK, QPSK, 16-QAM, 64-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
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 Power[2]	• 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 Sensitivity[4]	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)

Technical Specifications

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)

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)

Technical Specifications

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.

AUDIO/MULTIMEDIA - HD audio with DTS Sound +

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	8 kHz - 48kHz
	ADC	16 or 20-bit

Integrated Stereo Speakers	**Power Rating**	500mW
	Impedance	4 ohm

POWER

Technical Specifications

HP 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
	Output	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
	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)
		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%
	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

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
	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

Technical Specifications

Optional Travel Battery Available	No

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.

Technical Specifications

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 ISO01043.
- 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
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.

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

Technical Specifications

- 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
http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html
Eco-label certifications
http://www8.hp.com/us/en/hp-information/environment/ecolabels.html
ISO 14001 certificates:
http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/PC_GBU_Product_Design_ISO_14K_Certificate.pdf
and
http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/cert.pdf

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
Docking	HP ElitePad Expansion Jacket	H4J85AA
	HP ElitePad Expansion Jacket with Battery	D2A23AA
	HP ElitePad Docking Station	H4J84AA
	HP ElitePad Docking Station (Americas)	C0M84UT#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 ElitePad USB Adapter (USB 2.0)	H3N46AA
	HP ElitePad 3.0 Adapter	E8F98AA
	HP USB External DVDRW Drive	F2B56AA
	HP ElitePad Productivity Jacket	D6S54AA#xxx
	HP ElitePad Productivity Jacket (Americas)	D6S54UT#ABA
	HP ElitePad SD Card Reader	H3N48AA
	HP ElitePad Serial Adapter	H3N50AA
	HP Slim Bluetooth Keyboard	H4Q44AA
	HP Mini Wireless Keyboard (Mulit-OS)	E5J21AA
	HP Ultra Mobile Wireless Mouse	H6F25AA#xxx
	HP X4000b Bluetooth Mouse	H3T50AA#xxx
	HP Slim Bluetooth Mouse	F3J92AA#xxx

* HP Executive Tablet Pen (G2) is only compatible with HP ElitePad 1000 G2 and HP Revolve G2.

Type	Description	Part #
Power	HP ElitePad 10 Watt AC Adapter	H4K08AA
	HP 65W Smart Adapter	ED49494AA
	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

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

Networking	HP ElitePad Ethernet Adapter	H3N49AA
	HP ElitePad Power/Ethernet Adapter	TBD
Charging Station	HP Multi-Tablet Charging Module	H4W98UT#xxx
Miscellaneous	HP Retail Jacket for ElitePad NoBatt	E6R78AA
	HP Retail Jacket for ElitePad w/Battery	E6R79AA

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_na/14491_na.html