QuickSpecs

Overview

HP Pro Tablet 408 G1
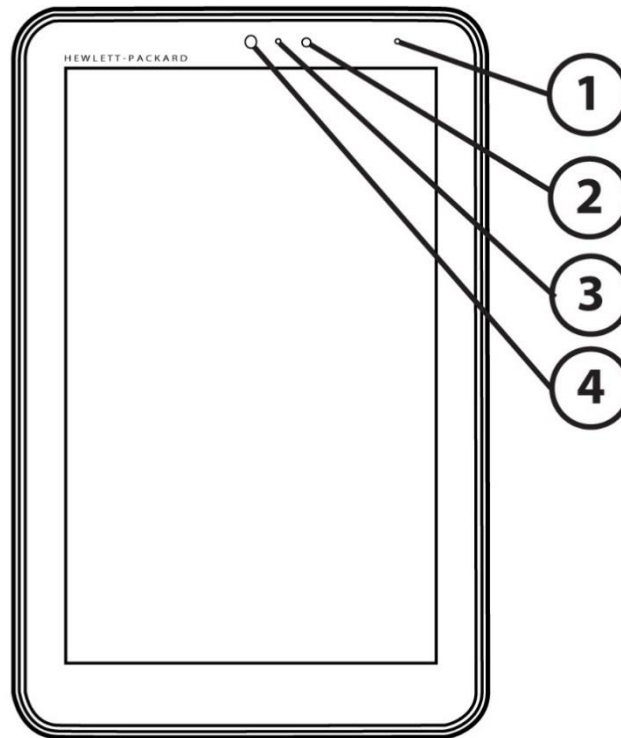
Front

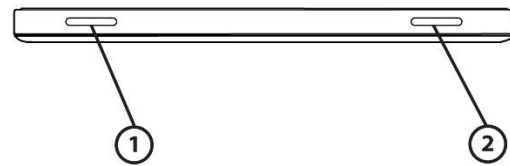|			
1.	LED Charging Indicator	3.	Webcam LED indicator
2.	Ambient Light Sensor	4.	2MP front-facing camera
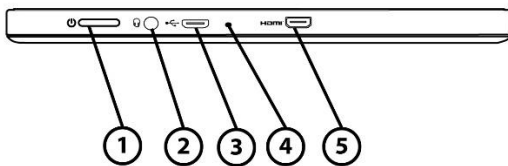
Top
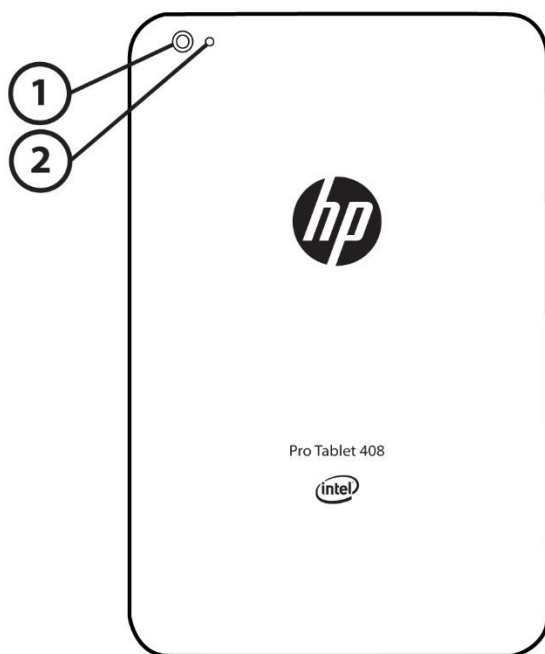
1. Power button
2. 3.5mm headphone/microphone jack
3. Micro USB 2.0
4. Integrated microphone
5. Micro-HDMI (type-D connector)
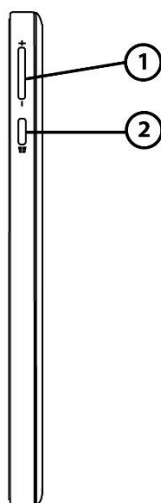

Bottom

1. Speaker (L)
2. Speaker (R)

QuickSpecs

Overview

Back

1. 8MP rear-facing camera	2. Camera flash

Side

1. Volume up and down button	2. Windows button

QuickSpecs

Overview

AT A GLANCE

- Windows Pro 8.1 (32-bit) and Windows 10 operating system
- Intel® Atom™ Quad-Core Processor Z3736F
- 8-inch diagonal capacitive 10-point touch MIPI IPS display, 1280 x 800 resolution, 16:10 aspect ratio
- Integrated Intel® HD Graphics
- 2GB DDR3L RAM
- Optional WWAN
- 32GB/64GB embedded Multi Media Card
- MicroSD card slot, supports SDXC and up to 128GB
- 8MP rear-facing auto-focus camera with flash, 2MP front-facing camera with LED indicator
- 802.11 a/b/g/n dual band wireless connectivity
- Bluetooth® 4.0+ LE (Bluetooth Low Energy)
- Graphite Black with Soft Touch paint

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

QuickSpecs

Features

PRODUCT NAME

HP Pro Tablet 408 G1

OPERATING SYSTEM

Preinstalled
- Windows 10 Pro 32*
- Windows 10 Home 32*
- Windows 8.1 Pro 32*

Web Supported
- Windows 10 Pro 32
- Windows 10 Home 32
- Windows 8.1 Pro 32
- Windows 8.1 Enterprise 32
- Windows 10 Enterprise 32

  *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™ Quad Core Processor* Z3736F (1.33 GHz base/2.16 GHz burst in Turbo mode) with Integrated Intel® HD Graphics

* 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.

DISPLAY

Type	8-inch diagonal capacitive multi-touch display with wide viewing angle (1280 x 800)*
Touchscreen	Capacitive multi-touch screen
Aspect Ratio	16:10
Auto rotate	Selectable
Screen material	Soda lime glass
Diagonal Size	8 inch
Viewing Angles	≥80°
Refresh Rate	60Hz
Brightness	400 nits (typical)
Color Depth	18-bit color depth with FRC

* Resolutions are dependent upon monitor capability, and resolution and color depth settings

QuickSpecs

Features

INTERNAL STORAGE

Internal Storage Device
32GB or 64GB embedded Multi Media Card*
MicroSD card slot supporting up to 128GB**

*For storage drive, GB = 1 billion bytes. Actual formatted capacity is less. Up to 5GB of system disk is reserved for system recovery software.
**Card sold separately

Memory

Standard
2GB DDR3L (1600 MHz)

NETWORKING/COMMUNICATIONS

Wi-Fi*
802.11 a/b/g/n (2.4GHz, 5GHz), dual band (2x2) MIMO
WWAN
GSM/GPRS/EDGE: Band 1/2/4/5/8
Bluetooth®
Bluetooth® 4.0 + LE (Bluetooth® Low Energy)

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

AUDIO/MULTIMEDIA

Audio
(2) Stereo Speakers (0.7W each)
(1) Integrated microphone
(1) 3.5mm headphone/microphone jack*

Cameras
Front Camera: 2MP, with webcam indicator LED
Rear Camera: 8MP auto-focus with Flash

* Headphones are sold separately

SENSORS

Accelerometer
e-Compass
GPS/AGPS, GLONASS (available with WWAN option only)
Ambient light sensor
Hall-effect sensor
SAR sensor (available with WWAN option only)

Features

SOFTWARE

Windows® Apps (included in Windows 8.1)
Windows 8.1 with Bing For Small Tablets* (with the exception of China and Japan)*

*Office 365 Personal 1-year (1- Year Office 365 Personal subscription included with Windows 8.1 with Bing 32. Don't forget to activate within six months of Windows activation. Office 365 Personal edition software may not be used for commercial, non-profit or revenue-generating activities).

Internet Explorer® 11
Alarms
Bing Search for Internet Explorer® 11
Calculator
Camera
Desktop
Finance
Food & Drink
Games
Health + Fitness
Help & Tips
Mail
Maps
Music
News
PC Settings
People
Photos
Reader
Reading List
Scan
Skype™
Sound Recorder
Sports
Store
Travel
Video
Weather

Security
Firmware TPM* [1]

Multimedia
Adobe Shockwave Player

HP Software
Getting Started with Win 8
Discover HP Touchpoint Manager[2]
HP Connected Photo[3]
HP ePrint[4]
HP PageLift
HP Registration
HP Recovery Manager
HP Support Assistant
HP Recovery Disc Creator

Features

HP Wallpaper
System Default Settings for Windows 8
UEFI System Diagnostics for Windows 8

Cloud Storage
SkyDrive (included in Windows 8.1)

1. A subset of the TPM 2.0 specification version v0.89 as implemented by Intel® Platform Trust Technology (PTT).
2. HP Touchpoint Manager requires a subscription and supports Android™, iOS and Windows operating systems and PCs, notebooks, tablets and smartphones from various manufacturers. Not available in all countries see www.hp.com/touchpoint for availability information.
3. Availability of features varies by country. Snapfish by HP mobile app download and Snapfish membership required. Internet service required and not included.
4. 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). Mobile devices require Internet connection and email capability. May require wireless access point. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary.

Manageability
HP SoftPaq Download Manager (SDM)*

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

POWER

Power Supply
10W (5.3V/2A) nPFC AC adapter with USB

Primary Battery
4800 mAh lithium-polymer battery Non-Removable
1S1P, 1Cell, 18.24Wh

Battery Charging Life
500 cycles

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.

Video Playback
Up to 10 hours*

Power Conservation
Connected Standby

*Tested by HP using continuous HD video playback, 720p (1280x720) resolution, 150 nits brightness, system audio level at 50%, player audio level at 100%, played from local storage, headphone attached, wireless off, auto dimming off. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage.

WEIGHT & DIMENSIONS

Weight
Starting weight: 376g (.83 lb)*
Dimensions (w x d x h)

Features

215 x 9 x 140 mm (8.46 x 0.35 x 5.51 in)*

* Weight and system dimensions may fluctuate due to configuration and manufacturing variances

PORTS/SLOTS

Ports
(1) Micro USB 2.0
(1) Micro-HDMI (type-D connector)*
(1) 3.5mm headphone/ jack **
Expansion Slots
MicroSD card slot*** expandable up to 128GB

* HDMI cables sold separately
** Headphones are sold separately
*** Card Sold separately

IN THE BOX

HP Pro Tablet 408 G1
AC Adapter – 10W with USB cable
Quick Start Guide

SERVICE AND SUPPORT

HP Services offers limited 1-year warranty options depending on country. 90-day limited warranty on software. On-site service and warranty upgrades are also available. HP Care Pack Services extend service contracts beyond the standard 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/lookuptool. Additional HP Care Pack Services information by product is available at: http://www.hp.com/go/cpc.

Certain restrictions and exclusions apply. Consult the HP Customer Support Center for details. http://h20000.www2.hp.com/bizsupport/TechSupport/ProductRoot.jsp

SYSTEM UNIT

Stand-Alone Power Requirements (AC Power)	**Nominal Operating Voltage**	5.3V
	Average Operating Power	4W
	Max Operating Power	<10W
Temperature	**Operating**	32° to 122° F (0° to 40° C)
	Non-operating	- 4° to 140° F (-20° to 65° C)
Relative Humidity	**Operating**	0%~90%
	Non-operating	0%~95%
Shock	**Operating**	40 G, 2 ms, half-sine
	Non-operating	240 G, 2 ms, half-sine

QuickSpecs

Technical Specifications

Random Vibration	Operating	1.043 grms
	Non-operating	3.5 grms
Altitude (unpressurized)	Operating	0~15000 ft

Planned Industry Standard Certifications

ENERGY STAR® 6.0
EPEAT® Gold *
Low Halogen **
China CECP and SEPA
Japan PC Green label
WEEE compliant (Waste Electric and Electronic Equipment)
RoHS 2 Compliant
E-Standby compliant
HDMI Certification
California Battery Charger Energy Efficiency compliant
MSH/OBL
German OBL
Australia S002
UL Class1/Div2, CSA, and cUL
TISI Battery certification for Thailand
EFB Class 1 requirements (DO160.21/ED-14)

* EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.
** External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

STORAGE AND DRIVES

Internal Storage

64 GB embedded Multi Media Card (optional)	Drive Weight	0.307g	
	Capacity	64 GB	
	Height	Up to 13mm	
	Width	Up to 11.5mm	
	Interface	MultiMediaCard Bus	
	Performance	**Maximum Sequential Read**	**Maximum Sequential Write**
		150 MB/s	72 MB/s

32 GB embedded Multi Media Card (optional)	Drive Weight	0.252g	
	Capacity	32 GB	
	Height	Up to 13mm	
	Width	Up to 11.5mm	
	Interface	MultiMediaCard Bus	
	Performance	**Maximum Sequential Read**	**Maximum Sequential Write**
		150 MB/s	72 MB/s

QuickSpecs

Technical Specifications

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
- 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)

	115VAC, 60Hz	230VAC, 50Hz	100VAC, 60Hz
Normal Operation (Short idle)	4.88 W	4.91 W	4.81 W
Normal Operation (Long idle)	1.58 W	1.60 W	1.55 W
Sleep	1.58 W	1.60 W	1.55 W
Off	0.11 W	0.11 W	0.11 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)	17 BTU/hr	17 BTU/hr	16 BTU/hr
Normal Operation (Long idle)	5 BTU/hr	5 BTU/hr	5 BTU/hr
Sleep	5 BTU/hr	5 BTU/hr	5 BTU/hr
Off	1 BTU/hr	1 BTU/hr	1 BTU/hr

*NOTE: 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 (L_{WAd}, bels)	Sound Pressure (L_{pAm}, decibels)
Typically Configured – Idle	0.6	6

QuickSpecs

Technical Specifications

Fixed Disk – Random writes	0.7	6

Longevity and Upgrading	This product can be upgraded, possibly extending its useful life by several years. Upgradeable features and/or components contained in the product may include:
	Spare parts are available throughout the warranty period and or for up to "5" years after the end of production.
Batteries	This battery(s) in this product comply with EU Directive 2006/66/EC

	Batteries used in the product do not contain:
	   Mercury greater the1ppm 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 (optional 8 cell available)

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 97.1 % recycle-able when properly disposed of at end of life.

Packaging Materials

External:	PAPER/Paper	726 g
Internal:	PLASTIC/Polyethylene low density	7.8 g

The plastic packaging material contains at least 60 % recycled content.
The corrugated paper packaging materials contains at least 80 % 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

Technical Specifications

- 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
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

Technical Specifications

Country of Origin

China

QuickSpecs

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

Type	Description	Part #
Cases / Screen Protectors	HP Pro Tablet 408 Bluetooth Keyboard Case	K8P76AA
	HP Pro Tablet 408 Smart Cover	L0V30AA
	HP Pro Tablet 408 Rugged Case	L0V31AA
	HP Pro 8 Tablet Sleeve	L0W35AA
Power / Adapters	HP Micro USB to USB / Ethernet Adapter	K1V16AA
	HP Micro USB to Ethernet Adapter	K2P84AA
	HP Micro USB to USB Adapter	K2P83AA
	HP Wireless Display Adapter	J1V25AA
	HP Micro HDMI to HDMI/VGA Adapter	K8E31AA
Input / Output	HP Pro Tablet 408 Active Pen	K8P73AA

Change Log

Date of change:	Version History:		Description of change:
February 24, 2015	From v2 to v3	Addition	Added "Optional WWAN" under "At a glance" Added WWAN under Network and communications
May 8,2015	From v3 to v4	Addition	Added the new spec "Battery Charging life" under "Power"
July 28, 2015	From v4 to v5	Changed	Changed OS for Windows 10 upload