QuickSpecs

Overview

HP Chromebox G2

Front

1. Headphone / Microphone Combo Jack
2. USB 3.1 Gen 1
3. USB 3.1 Gen 1
4. mircoSD card slot (Push-pull type)
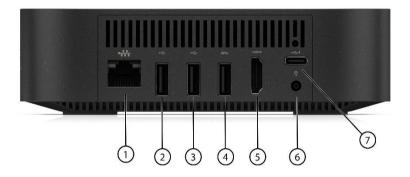5. Power button/LED

Side

1. Security Lock Slot

QuickSpecs

Overview

HP Chromebox G2

1. Ethernet network port or RJ-45 connector
2. USB-A 2.0

3. USB-A 2.0
4. USB 3.1 Gen 1

Back

5. HDMI output
6. AC-in plug - 4.5mm barrel connector or Power cable connector
7. USB Type-C™ power connector and charging port

Overview

AT A GLANCE

- Chrome™ operating system
- Compatible with Android
- Intel® Celeron®, 7th Gen i5, 8th Gen i7 Processor
- Intel® HD Graphics
- Support up to 16GB DDR4 memory
- Support SATA-3 SDD (NGFF M.2)
  SSD configuration: 32GB/64GB
- MicroSD Multi-Format Digital Media Card Reader"
- Wired Gigabit Ethernet connectivity
- Intel® Dual Band Wireless-AC 7265 802.11 AC 2x2 WiFi
- Bluetooth® 4.2 support
- Combo Mic/Headphone jack
- Attractive black color
- 100 mm VESA mounting capability
- Dual display capability with USB Type-C™ and HDMI outputs
- Environmental Certifications[1]:
  - ENERGY STAR®
  - EPEAT® Silver compliant*
  - BFR/PVC Free
  - WEEE compliant
  - RoHS 2 compliant
- Security Lock Slot

1. External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.

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

Features

PRODUCT NAME

HP Chromebox G2

OPERATING SYSTEM

Preinstalled   Google Chrome™ OS

PROCESSORS

Intel® 8th Generation Core™ i7 Processors
Intel Core i7-8650U 4C/8T 1.9GHz (4.2GHz)[1]

Intel® 7th Generation Core™ i5 Processors
Intel Core i5-7300U 2C/4T 2.6GHz (3.5GHz)[1]

Intel® Celeron® Processor 3000 Series
Intel Celeron® 3865U Processor 2C/2T (1.8GHz)[1]

1. Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.

CHIPSET

Chipset is integrated with processor.

GRAPHICS

Integrated
Intel® HD Graphics 610 (3865U)
Intel® HD Graphics 620 (i5-7300U)
Intel® UHD Graphics 620 (i7-8650U)

MEMORY

4GB DDR4 Synchronous Dynamic Random Access Memory (SDRAM) (Up to 2400 MT/s)[2]
8GB DDR4 Synchronous Dynamic Random Access Memory (SDRAM) (Up to 2400 MT/s)[2]
16GB DDR4 Synchronous Dynamic Random Access Memory (SDRAM) (Up to 2400 MT/s)[2]

2. Shared video memory (UMA) uses part of the total system memory for video performance. System memory dedicated to video performance is not available for other use by other programs.

Features

STORAGE AND DRIVES

Internal Storage Device
32GB SSD M.2 SATA-3 (Type 2242)[3]
64GB SSD M.2 SATA-3 (Type 2280)[3]

Removable Storage
Micro SD card slot

3. For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 5.1 GB of the eMMC are dedicated/allocated to the Chrome OSTM and OS partitions.

NETWORKING/COMMUNICATIONS

Networking

Wired Gigabit Ethernet (RTL8151GH-CG)

Wi-Fi and Bluetooth®
Intel Dual Band Wireless-AC 7265 802.11 AC 2x2 WiFi + Bluetooth® 4.2 Combo Adapter, non-vPro[5]

4. Wireless access point required and sold separately. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the product to communicate with other 802.11ac WLAN devices.

AUDIO/MULTIMEDIA

Audio
Realtek ALC5662-CG
Internal Beeper
Combo Mic/Headphone Jack

PORTS/SLOTS

Ports
1 - Audio Combo jack - Headphone/Microphone (Front)
2 - USB 3.0 Type A (Front)
1 - Micro SD card slot (Front)
1 - USB Type C™ (Back)
1 - AC Adapter plug (Back)
1 - HDMI, up to 1920 X 1080, HDMI version 1.4b (Back)
1 - USB 3.0 Type A (Back)
2 - USB 2.0 Type A (Back)
1 - RJ-45 Connector (Back)

Features

POWER

Power Supply

External 65W adapter > 85% efficiency 100-240V, 50-60Hz, power cord (1.8m)[5]
External 90W adapter > 85% efficiency 100-240V, 50-60Hz, power cord (1.8m)[5]

5. Not all power supplies are available in every region.

WEIGHT & DIMENSIONS

Weight

570 grams (1.26lb)[6]

Dimensions (w x d x h)
149.3 x 149.3 x 40 mm (5.87 x 5.87 x 1.57 in)

6. Lowest weight noted. Weight will vary by configuration.

IN THE BOX

HP Chromebox
External Power Supply
Quick Start Guide

QuickSpecs

Technical Specifications

SYSTEM UNIT

Temperature	**Operating**	41°F to 95°F (5°C to 35°C)
	Non-operating	-4°F to 140°F (-20°C to 60°C)
Relative Humidity (noncondensing)	**Operating**	10% to 90%
	Non-operating	5% to 95%
Altitude (unpressurized)	**Operating**	-50 ft to 10,000 ft (-15 m to 3,048 m)
	Non-operating	-50 ft to 40,000 ft (-15 m to 12,192 m)
Planned Industry Standard Certifications	**UL**	Yes
	CSA	No
	FCC Compliance	Yes
	ENERGY STAR 6.0®	Yes
	EPEAT®	Yes
	ICES	Yes
	Australia / NZ A-Tick Compliance	Yes
	CCC	Yes
	Japan VCCI Compliance	Yes
	KC	Yes
	BSMI	Yes
	CE Marking Compliance	No
	BNCI or BELUS	Yes
	CIT	No
	GOST	Yes
	Saudi Arabian Compliance (ICCP)	Yes
	SABS	No
	UKRSERTCOMPUTER	No

Technical Specifications

ENVIRONMENTAL & INDUSTRY

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 Desktop model is based on a "Typically Configured Desktop".

Energy Consumption (in accordance with US ENERGY STAR® test method)	115VAC, 60Hz	230VAC, 50Hz	100VAC, 50Hz
Normal Operation (Short idle)	4.836	4.788	4.716
Normal Operation (Long idle)	4.38	4.392	4.284
Sleep	0.708	0.744	0.708
Off	0.228	0.252	0.228

Energy efficiency data listed is for an ENERGY STAR® certified 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® certified 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. Search keyword generator on HP's 3rd party option store for solar generator accessories at http://www.hp.com/go/options

Heat Dissipation*	115VAC, 60Hz	230VAC, 50Hz	100VAC, 50Hz
Normal Operation (Short idle)	5.836	5.856	5.773
Normal Operation (Long idle)	NA	NA	NA
Sleep	NA	NA	NA
Off	0.149	0.199	0.149

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 (L_{WAd}, bels)	Sound Pressure (L_{pAm}, decibels)
Typically Configured – Idle	2.7	15.8
Fixed Disk – Random writes	3.4	21.2

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
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 95.1% recycle-able when properly disposed of at end of life.

Packaging Materials	**External:**	PAPER/Corrugated	Corrugated
	Internal:	PLASTIC/EPS (Expanded Polyethylene)	EPE for cushion
		PLASTIC/Polyethylene low density	LD PE bag

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

Technical Specifications

- Mercuric Oxide Batteries
- Nickel – finishes must not be used on the external surface designed to be frequently handled or carried by the user.
- Ozone Depleting Substances
- Polybrominated Biphenyls (PBBs)
- Polybrominated Biphenyl Ethers (PBBEs)
- Polybrominated Biphenyl Oxides (PBBOs)
- Polychlorinated Biphenyl (PCB)
- Polychlorinated Terphenyls (PCT)
- Polyvinyl Chloride (PVC) – except for wires and cables, and certain retail packaging has been voluntarily removed from most applications.
- Radioactive Substances
- Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)

Packaging Usage   HP follows these guidelines to decrease the environmental impact of product packaging:

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

HP Inc. 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.

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

HP 285 G3 Microtower Business PC

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

Type	Description	Part #
Display	HPProDisplayP232LEDBltMonitor US	K7X31AA
	HP EliteDisplay E273 – 27" FHD	1FH50AA
Input/Output	HP USB-C to DP	N9K78AA
	HP USB-C to HDMI 2.0 Adapter	1WC36AA
	HP HDMI-to-DVI Adapter	F5A28AA
	HP USB-C to HDMI Adapter	N9K77AA
	HP USB-C to VGA Adapter	N9K76AA
Mounts and Stands	HP Integrated Work Center for Desktop Mini	G1V61AA
	HP Quick Release Bracket	EM870AA
	HP Desktop Mini Security/Dual VESA Sleeve	G1K22AA
Power Adapters	HP 65W Smart AC Adapter (4.5mm)	H6Y89AA
	HP 90W Smart AC Adapter (4.5mm)	H6Y90AA
Security	HP Keyed Cable Lock 10mm	T1A62AA

Summary of Changes

Date of change:	Version History:		Description of change:
March 7, 2018	Pre V1	Update	Header and Call outs fixed
	V1 to V2		