



# HP Fortis 11 inch G9 Q Chromebook (6P178UT)



## Overview

### Built for a productive Chromebook experience

The HP Fortis 11 inch G9 Q Chromebook provides reliability and performance in a rugged design. Powered by a Qualcomm 7C processor[3], plenty of memory, and long battery life for productivity; a lay-flat hinge with a wide-viewing angle camera for intuitive interaction; and an HP Privacy Camera and durability testing for peace of mind.

### Robust Qualcomm 7C processor

Quickly stream and access online content, thanks to a robust Qualcomm 7C processor[3] and plenty of memory.

### HD camera with wide-viewing angles

Confidently engage with the 180-degree lay-flat hinge, 88-degree wide-viewing angle HD camera, and dual mics.

### Engineered for durability

Rugged, durable design undergoes MIL-STD 810[7] and drop testing[8], and resists keycap picking.

# Features

## Simplify deployments

Get a low-maintenance experience with the automatic software updates and virus protection of the Chrome OS.<sup>[1]</sup>

## Universal connectivity and charging with USB-C™

Use the USB-C™ port to access and charge your USB-C™ accessories from your Chromebook™ or charge your Chromebook™ from any USB-C™ adapter.

## Apps and content for expanded learning

Take learning in new directions with access to the Google Play™ Store and Android™ apps, which include thousands of instantly shareable and easily manageable innovative education apps.<sup>[1]</sup>

---

*[3] 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. Performance will vary depending on your hardware and software configurations. Qualcomm's numbering is not a measurement of clock speed.*

*[7] MIL-STD 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. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.*

*[8] 122 cm test on plywood and 76 cm test on concrete. Drop test is not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.*

*[1] Internet access required and sold separately. Some apps may require purchase.*

## Specifications

<b>Operating system</b>	Chrome OS™
<b>Processor family</b>	Qualcomm® Snapdragon™ processor
<b>Processor</b>	Qualcomm® Snapdragon™ 7c compute platform (up to 2.4 GHz, 1 MB L3 cache, 8 cores, 8 threads)
<b>Memory</b>	8 GB LPDDR4x-4266 MHz RAM (onboard)
<b>Internal Storage</b>	32 GB eMMC
<b>Optical drive</b>	Not included
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Qualcomm® Adreno™ 618 GPU
<b>Display</b>	29.5 cm (11.6") diagonal, HD (1366 x 768), touch, IPS, 220 nits, 50% NTSC
<b>Display</b>	11.6" diagonal, HD (1366 x 768), touch, IPS, 220 nits, 50% NTSC <sup>[6,7,8]</sup>
<b>Display size (diagonal)</b>	29.5 cm (11.6")
<b>Display size (diagonal)</b>	11.6"
<b>Audio</b>	HD audio, dual speakers, dual array microphones
<b>Minimum dimensions (W x D x H)</b>	29.5 x 20.55 x 1.91 cm
<b>Minimum dimensions (W x D x H)</b>	11.61 x 8.09 x 0.75 in
<b>Weight</b>	Starting at 1.28 kg (Weight will vary by configuration. Does not include power adapter.)
<b>Weight</b>	Starting at 2.81 lb (Weight will vary by configuration. Does not include power adapter.)
<b>Keyboard</b>	Full-size, textured, island-style keyboard with optional backlit
<b>Pointing device</b>	Clickpad with multi-touch gesture support, taps enabled as default
<b>Ports</b>	2 SuperSpeed USB Type-C® 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.2); 1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 Stereo headphone/microphone combo jack
<b>Wireless</b>	Qualcomm® Atheros 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo
<b>Power</b>	45 W USB Type-C™ adapter
<b>Battery type</b>	HP Long Life 2-cell, 47 Wh Li-ion polymer
<b>Security management</b>	Nano Security lock slot; Google Titan C; Zero Touch Enrollment <sup>[11,18]</sup>
<b>Software included</b>	Chrome Education Upgrade (Sold separately); HP Classroom Manager (Sold separately) <sup>[9,10]</sup>
<b>UPC number</b>	(ABA) 196786319242; (ABL) 196786319266

**Manufacturer Warranty**

1-year limited warranty and 90-day software limited warranty options depending on country. Batteries have a default one year limited warranty. Refer to <http://www.hp.com/support/batterywarranty/> for additional battery information. On-site service and extended coverage is also available. HP Care Pack Services are optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: <http://www.hp.com/go/cpc> .<sup>[14]</sup>

## Additional specifications

Accessories	HP Wired USB-A Stereo Headset 428K6AA; HP Renew Business17.3 Laptop Backpack 3E2U5AA; HP Universal USB-C Multiport Hub 50H55AA; HP Multi-Device 635 Black Wireless Mouse 1D0K2AA; HP 325 Chrome BT Keyboard 45U14AA
Battery brand	HP
Battery capacity	47
Battery capacity uom	Wh
Battery cells number	2
Battery life	Long Life
Battery life note	Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 90% in 90 minutes.
Battery type	Li-ion polymer
Bluetooth version	Bluetooth® 5.0
Brightness	220 nits
Color gamut	50% NTSC
Display	29.5 cm (11.6") diagonal HD touch display
Display	11.6" diagonal HD touch display
Display brightness	220
Display brightness uom	nits
Display panel technology	IPS
Display resolution (pixels)	1366 x 768
Display resolution standard	HD
Display size (diagonal) uom	"
Display size (diagonal, imperial)	11.6
Display size (diagonal, metric)	29.5
Display size (diagonal, metric) uom	cm
Display surface treatment	anti-glare
Display touchscreen type	touch screen
ECC memory	non-ECC
Fingerprint reader	Fingerprint reader not available
Keyboard size	Full-size
Memory and storage	8 GB memory; 32 GB eMMC storage
Memory layout (slots & size)	onboard
Memory size	8

Memory size uom	GB
Memory speed	4266
Memory speed uom	MHz
Memory type	LPDDR4x
Mobile broadband	Qualcomm® Snapdragon™ X15 LTE Modem
Playbook TS icon OS	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png</a>
Playbook TS icon battery life	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905264.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905264.png</a>
Playbook TS icon connectivity	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png</a>
Playbook TS icon dimensions NB	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08250394.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08250394.png</a>
Playbook TS icon display NB	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08205649.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08205649.png</a>
Playbook TS icon graphics	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png</a>
Playbook TS icon memory	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png</a>
Playbook TS icon processor	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png</a>
Playbook TS icon storage	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png</a>
Playbook TS icon weight imperial	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png</a>
Playbook TS icon weight metric	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png</a>
Processor Brand	Qualcomm®
Processor cache	1 MB L3
Processor core	8
Processor family	Snapdragon™
Processor maximum frequency	2.4
Processor maximum frequency uom	GHz
Processor model	7c
Processor threads	8
Product brand name	HP
Product long name specifications	HP Fortis 11 inch G9 Q Chromebook, 11.6", touch screen, Chrome OS™, Qualcomm® Snapdragon™, 8GB RAM, 32GB eMMC, HD
Product short name specifications	HP Fortis 11 inch G9 Q Chromebook, 11.6", Qualcomm® Snapdragon™, 8GB RAM, 32GB eMMC
Standard memory note	Transfer rates up to 4266 MT/s.
Storage capacity	32
Storage capacity uom 01	GB
Storage type	eMMC
Storage type 01	eMMC

<b>Touchscreen</b>	Yes
<b>UNSPSC code</b>	43211503
<b>Wireless antenna</b>	2x2
<b>Wireless standard</b>	802.11a/b/g/n/ac
<b>Wireless supplier</b>	Qualcomm®

---

*[6] HD content required to view HD images.*

*[7] Resolutions are dependent upon monitor capability, and resolution and color depth settings.*

*[8] Actual brightness will be lower with touchscreen.*

*[9] Chrome Education Upgrade requires one-time setup, subscription, Google Admin Console, and your organization's domain. Please see <https://support.google.com/a/answer/60216> .*

*[10] HP Classroom Manager is sold separately. Control and device locking from the teacher's desktop requires purchase of HP Classroom Manager.*

*[11] Lock is sold separately.*

*[14] HP Care Packs are sold separately. 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 <http://www.hp.com/go/cpc> . HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.*

*[18] Zero Touch Enrollment Service is sold separately. Please contact your HP Sales Representative or Authorized HP Representative. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.*

---

## Keyboards/Mice and Input Devices

★ : Recommended

### Keyboards

HP 325 Chrome Bluetooth Keyboard	<b>45U14AA ★</b>
----------------------------------	------------------

### Mice

HP 435 Multi-Device Wireless Mouse	<b>3B4Q5AA ★</b>
------------------------------------	------------------

HP 128 Laser Wired Mouse	<b>265D9AA ★</b>
--------------------------	------------------

HP Wired Desktop 320M Mouse	<b>9VA80AA ★</b>
-----------------------------	------------------

HP 125 Wired Mouse	265A9AA
--------------------	---------

HP 125 Wired Mouse	265A9ET
--------------------	---------

HP 125 Wired Mouse	265A9UT
--------------------	---------

HP 128 Laser Wired Mouse	265D9ET
--------------------------	---------

HP 128 Laser Wired Mouse	265D9UT
--------------------------	---------

HP 635 Multi-Device Wireless Mouse	1D0K2AA
------------------------------------	---------

HP 635 Multi-Device Wireless Mouse	1D0K2UT
------------------------------------	---------

HP 935 Creator Wireless Mouse	1D0K8AA
-------------------------------	---------

HP 935 Creator Wireless Mouse	1D0K8UT
-------------------------------	---------

HP Bluetooth Travel Mouse	6SP30AA
---------------------------	---------

HP Bluetooth Travel Mouse	6SP30UT
---------------------------	---------

HP Wired Desktop 320M Mouse	9VA80ET
-----------------------------	---------

HP Wired Desktop 320M Mouse	9VA80UT
-----------------------------	---------

HP Wireless Premium Mouse	1JR31AA
---------------------------	---------

HP Wireless Premium Mouse	1JR31UT
---------------------------	---------

## Batteries/Chargers/Adapters

### Power Adapters

HP 45W USB-C LC Power Adapter	<b>1MZ01AA ★</b>
-------------------------------	------------------

HP 45W USB-C G2 Power Adapter	1HE07AA
-------------------------------	---------

HP 45W USB-C G2 Power Adapter	1HE07UT
-------------------------------	---------

HP 65W USB-C Power Adapter	1HE08AA
----------------------------	---------

HP 65W USB-C Power Adapter	1HE08UT
----------------------------	---------

HP Pavilion USB-C to HDMI 2.0 Adapter	2PC54AA
---------------------------------------	---------

### AC Adapters



HP 65W USB-C LC Power Adapter	1P3K6AA
HP 65W USB-C LC Power Adapter	1P3K6UT
HP 65W USB-C Slim Travel Power Adapter	3PN48AA
HP USB-C Travel Power Adapter 65W	X7W50AA

## Audio/Multimedia and Communication Devices

### Headsets

HP Stereo USB Headset G2	<b>428H5AA ★</b>
HP Stereo USB Headset G2	<b>428K6AA ★</b>
HP Stereo 3.5mm Headset G2	<b>428H6AA ★</b>
HP Stereo 3.5mm Headset G2	<b>428K7AA ★</b>
HP Stereo 3.5mm Headset G2	428K7PT
HP Stereo 3.5mm Headset G2	428K7UT
HP Stereo USB Headset G2	428K6PT
HP Stereo USB Headset G2	428K6UT

## Cases and Covers

### Cases

HP 11.6 Black Always On Case	1D3D0AA
HP 11.6 Black Always On Case (Bulk)	1D3D0A6
HP Executive 14.1 Slim Top Load	6KD04AA
HP Executive 14.1 Slim Top Load	6KD04UT
HP Executive 15.6 Top Load	6KD06AA
HP Executive 15.6 Top Load	6KD06UT
HP Mobility 11.6-inch Laptop Case	4U9G8AA
HP Mobility 11.6-inch Laptop Case	4U9G8ET
HP Prelude 15.6-inch Laptop Bag	2Z8P4AA
HP Prelude 15.6-inch Topload	1E7D7AA
HP Prelude 15.6-inch Topload	50P31AA
HP Prelude G2 15.6 TL (Bulk 20)	1E7D7A6
HP Prelude Pro 15.6-inch Recycled Top Load	1X645AA
HP Prelude Pro 15.6-inch Recycled Top Load	1X645UT
HP Prelude Pro Rec 15.6 TL (Bulk 12)	1X645A6
HP Renew Business 14.1-inch Laptop Bag	3E5F9A6
HP Renew Business 14.1-inch Laptop Bag	3E5F9AA
HP Renew Business 14.1-inch Laptop Bag	3E5F9ET
HP Renew Business 14.1-inch Laptop Bag	3E5F9UT

HP Renew Business 15.6-inch Laptop Bag	3E5F8A6
HP Renew Business 15.6-inch Laptop Bag	3E5F8AA
HP Renew Business 15.6-inch Laptop Bag	3E5F8ET
HP Renew Business 15.6-inch Laptop Bag	3E5F8UT
HP Renew Business 17.3-inch Laptop Bag	3E2U6AA
HP Renew Business 17.3-inch Laptop Bag	3E2U6UT
HP Renew Executive 16-inch Laptop Bag	6B8Y2AA
Laptop Case HP Mobility 11.6 (Bulk 10)	4U9G8A6

## Backpacks

HP Executive 15.6 Backpack	6KD07AA
HP Executive 15.6 Backpack	6KD07UT
HP Prelude 15.6-inch Backpack	2Z8P3AA
HP Prelude Backpack 15.6	1E7D6AA
HP Prelude Backpack 15.6	50P32AA
HP Prelude G2 15.6 Backpack (Bulk Qty.15)	1E7D6A6
HP Prelude Pro 15.6-inch Recycled Backpack	1X644A6
HP Prelude Pro 15.6-inch Recycled Backpack	1X644AA
HP Prelude Pro 15.6-inch Recycled Backpack	1X644UT
HP Renew Business 17.3-inch Laptop Backpack	3E2U5A6
HP Renew Business 17.3-inch Laptop Backpack	3E2U5AA
HP Renew Business 17.3-inch Laptop Backpack	3E2U5ET
HP Renew Business 17.3-inch Laptop Backpack	3E2U5UT
HP Renew Executive 16-inch Laptop Backpack	6B8Y1AA

## Covers

HP Renew Business 14.1-inch Laptop Sleeve	3E2U7AA
HP Renew Business 14.1-inch Laptop Sleeve	3E2U7ET
HP Renew Business 14.1-inch Laptop Sleeve	3E2U7UT
HP Reversible 11.6-inch Sleeve	7ZE81A6
HP Reversible 11.6-inch Sleeve	7ZE81AA

## Security and Protection

### PC Locks

HP Nano Combination Cable Lock	63B28AA
HP Nano Keyed Cable Lock	1AJ39AA
HP Nano Keyed Cable Lock	1AJ39UT
HP Nano Master Keyed Cable Lock	1AJ40AA

HP Nano Master Keyed Cable Lock	1AJ40UT
HP Sure Key Cable Lock	6UW42AA
HP Sure Key Cable Lock	6UW42UT

## Docking and Port Replicators

### Port Replicators

HP USB 3.0 to Gigabit LAN Adapter	N7P47AA
HP USB 3.0 to Gigabit LAN Adapter	N7P47UT

### Docking Stations

HP USB-C Mini Dock	1PM64AA
HP USB-C Mini Dock	1PM64UT
HP USB-C Travel Hub G2	7PJ38AA
HP USB-C Travel Hub G2	7PJ38UT

## Cables/Cable Kits/Cable Adapters

### Cable Adapters

HP USB 3.0 to Gigabit RJ45 Adapter G2	4Z7Z7AA
HP USB 3.0 to Gigabit RJ45 Adapter G2	4Z7Z7UT
HP USB Type-C to RJ45 Adapter	V8Y76AA
HP USB-C to DP Adapter	N9K78AA
HP USB-C to DP Adapter	N9K78UT
HP USB-C to HDMI 2.0	1WC36AA
HP USB-C to HDMI 2.0	1WC36UT
HP USB-C to RJ45 Adapter	V7W66AA
HP USB-C to RJ45 Adapter	V7W66UT
HP USB-C to RJ45 Adapter G2	4Z527AA
HP USB-C to RJ45 Adapter G2	4Z527UT
HP USB-C to RJ45 Adapter G2	4Z534AA
HP USB-C to USB 3.0 Adapter	N2Z63AA
HP USB-C to USB 3.0 Adapter	N2Z63UT
HP USB-C to USB-A Hub	Z6A00AA
HP USB-C to USB-A Hub	Z6A00UT
HP USB-C to VGA Adapter	N9K76AA
HP USB-C to VGA Adapter	N9K76UT
HP USB-C to VGA Display Adapter	P7Z54AA

## Business Monitors

★ : Recommended

## E-Series

HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AA ★
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AA ★
HP E24d G4 FHD USB-C Docking Monitor	6PA50AS
HP E24d G4 FHD USB-C Docking Monitor	6PA50AT
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32A7
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AS
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AT
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32E9
HP E24u G4 FHD USB-C Monitor	189T0A7
HP E24u G4 FHD USB-C Monitor	189T0AA
HP E24u G4 FHD USB-C Monitor	189T0AT
HP E27d G4 QHD USB-C Docking Monitor	6PA56A7
HP E27d G4 QHD USB-C Docking Monitor	6PA56A8
HP E27d G4 QHD USB-C Docking Monitor	6PA56AS
HP E27d G4 QHD USB-C Docking Monitor	6PA56AT
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29A7
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AS
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AT
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29E9

## Disclaimer — Copyright

Qualcomm Snapdragon and Qualcomm Kryo are products of Qualcomm Technologies, Inc. and/or its subsidiaries. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum. SDXC is a registered trademark of SD-3C in the United States, other countries or both. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. © 2022 Google LLC All rights reserved. Google and the Google Logo are registered trademarks of Google LLC.

© Copyright 2022 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.