



HP Chromebook x360 11MK G3 Education Edition (688W8UT)

Overview



Adaptable x360 Chromebook designed for learning

Amplify student engagement with the versatile, easy-to-manage, cloud-ready HP Chromebook x360 11MK G3 EE—powered by Chrome OS. The rugged 360° design and long battery life suits student learning styles—everywhere learning happens.

Support multiple learning styles

Let students type, touch, consume, and collaborate the way they want with this flexible Chromebook that switches between laptop, tablet, tent, and media mode. Access to over 1000 Android[1] and G Suite Education apps[6] expands the possibilities for learning.

Enable student productivity

Quickly access videos, assignments, and more in crowded wireless networks with 2x2 802.11ac Wi-Fi[5] supporting MU-MIMO[8]—powered by Chrome OS. With plenty of RAM, long battery life, and fast recharging students can stay productive.

Designed for reliability. Engineered for durability.

Say goodbye to downtime from damage with a full-skirted anchored keyboard that resists picking, spills up to 350 ml (11.8 oz), and dust. This Chromebook can withstand drops up to 122 cm (48.03 in)[3] and undergoes MIL-STD 810H[4] and HP education testing.[2]

Features

Simplify deployments

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

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.

Enhanced design elements

Help prevent degradation, water intrusion, and tampering with a keyboard that resists picks, minor spills, and key removal.

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.^[1]

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

[2] Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

[3] 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.

[4] 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.

[5] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11 ac) is backwards compatible with prior 802.11 specs.

[8] Multiple-Input Multiple-Output (MIMO) is a wireless technology that uses multiple transmitters and receivers to enhance data transfer. MIMO requires a MU-MIMO router, sold separately.

Specifications

| | |
|--|--|
| Operating system | Chrome OS™ |
| Processor family | MediaTek processor |
| Processor | MediaTek MT8183 (2.0 GHz base frequency, 2 MB L2 cache, 8 cores) |
| Memory | 4 GB LPDDR4x-4266 MHz RAM (onboard) |
| Internal Storage | 64 GB eMMC |
| Optical drive | Not included |
| Graphics | Integrated |
| Graphics (integrated) | MediaTek Integrated Graphics |
| Display | 29.5 cm (11.6") diagonal, HD (1366 x 768), touch, IPS, BrightView, 220 nits, 50% NTSC |
| Display | 11.6" diagonal, HD (1366 x 768), touch, IPS, BrightView, 220 nits, 50% NTSC ^[6,7,18] |
| Display size (diagonal) | 29.5 cm (11.6") |
| Display size (diagonal) | 11.6" |
| Audio | HD audio, dual speakers, integrated microphone |
| Minimum dimensions (W x D x H) | 29.5 x 20.53 x 2.09 cm |
| Minimum dimensions (W x D x H) | 11.61 x 8.08 x 0.82 in |
| Weight | Starting at 1.42 kg <i>(Weight will vary by configuration.)</i> |
| Weight | Starting at 3.13 lb <i>(Weight will vary by configuration.)</i> |
| Keyboard | Full-size island-style, spill and pick resistant keyboard |
| Pointing device | Clickpad with multi-touch gesture support |
| Camera | 720p HD camera |
| Ports | 1 USB 2.0 Type-A; 1 SuperSpeed USB Type-C® 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.2); 1 headphone/microphone combo |
| Wireless | Qualcomm® Atheros QCA6174A-3 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 combo |
| Power | 45 W USB Type-C™ adapter |
| Battery type | HP Long Life 2-cell, 47 Wh Li-ion polymer |
| Sustainable impact specifications | Low halogen; TCO 8.0 Certified |
| Security management | Nano Security lock slot; Google Titan C ^[12] |
| Software included | Chrome Education Upgrade (Sold separately); HP Classroom Manager (Sold separately) ^[10,11] |
| Cloud service | 100 GB Google Drive™ (2-year subscription included) ^[9] |

UPC number

(ABA) 196548452460; (ABL) 196548452477

Manufacturer Warranty

HP Services offers 1-year limited warranties 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>.^[14]

Additional specifications

| | |
|--|---|
| Accessories | HP Presenter Bluetooth Mouse 2CE30AA; HP USB-C/A 120W Universal Dock G2 5TW13AA; HP USB-C to HDMI 2.0 Adapter 2PC54AA; HP Always On Black 11.6 Case 1D3D0AA; HP 45W USB-C G2 AC Power Adapter 1HE07AA |
| 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® 4.2 |
| Brightness | 220 nits |
| Camera resolution (vertical) | 720p |
| Camera resolution standard | HD |
| 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 | BrightView |
| Display touchscreen type | touch screen |
| Fingerprint reader | Fingerprint reader not available |
| Keyboard features | Pick and spill resistant |
| Keyboard size | Full-size |
| Memory and storage | 4 GB memory; 64 GB eMMC storage |
| Memory module type | DIMM |
| Memory size | 4 |

| | |
|--|--|
| Memory size uom | GB |
| Memory speed | 4266 |
| Memory speed uom | MHz |
| Memory type | LPDDR4x |
| Processor Brand | MediaTek |
| Processor base frequency | 2.0 |
| Processor cache | 2 MB L2 |
| Processor core | 8 |
| Processor frequency UOM | GHz |
| Processor model | MT8183 |
| Processor threads | 8 |
| Product brand name | HP |
| Product long name specifications | HP Chromebook x360 11MK G3 Education Edition, 11.6", touch screen, Chrome OS™, MediaTek 4GB RAM, 64GB eMMC, HD |
| Product short name specifications | HP Chromebook x360 11MK G3 Education Edition, 11.6", MediaTek 4GB RAM, 64GB eMMC |
| Standard memory note | Transfer rates up to 4266 MT/s. |
| Storage capacity | 64 |
| Storage capacity uom 01 | GB |
| Storage type | eMMC |
| Storage type 01 | eMMC |
| Touchscreen | Yes |
| UNSPSC code | 43211503 |
| Wireless Model | Atheros QCA6174A-3 |
| Wireless antenna | 2x2 |
| Wireless standard | 802.11a/b/g/n/ac |
| Wireless supplier | Qualcomm® |

[6] HD content required to view HD images.

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

[9] Google Drive offer is tied to this device and is non-transferable. If this device is returned, the extra storage will be revoked. In order to redeem this offer, you will need to be on Chrome OS™ 23 or later. Internet access is required and not included. Additional information about storage plan refunds, renewals, cancellations and expiration is available at the Google website: <https://support.google.com/chromebook/answer/2703646?hl=en>

[10] 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>.

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

[12] 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 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] Actual brightness will be lower with touch or HP Sure View.

Accessories

Batteries/Chargers/Adapters

★ : Recommended

Power Adapters

| | |
|---------------------------------------|------------------|
| HP 45W USB-C LC Power Adapter | 1MZ01AA ★ |
| 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 Slim Travel Power Adapter | 3PN48AA |
| HP USB-C Travel Power Adapter 65W | X7W50AA |

Cases and Covers

Backpacks

| | |
|---|------------------|
| HP Prelude Pro 15.6-inch Recycled Backpack | 1X644AA ★ |
| HP Executive 15.6 Backpack | 6KD07AA |
| HP Executive 15.6 Backpack | 6KD07UT |
| HP Executive 17.3 Backpack | 6KD05AA |
| HP Executive 17.3 Backpack | 6KD05UT |
| HP Prelude 15.6-inch Backpack | 2Z8P3AA |
| HP Prelude Backpack 15.6 | 1E7D6AA |
| 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 | 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 |

Cases

| | |
|--|------------------|
| HP Prelude Pro 15.6-inch Recycled Top Load | 1X645AA ★ |
| HP 11.6 Black Always On Case | 1D3D0AA ★ |
| HP 11.6 Black Always On Case (Bulk) | 1D3D0A6 |

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|--|---------|
| 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 Executive 17.3 Top Load | 6KD08UT |
| 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 G2 15.6 TL (Bulk 20) | 1E7D7A6 |
| 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 |
| Laptop Case HP Mobility 11.6 (Bulk 10) | 4U9G8A6 |

Covers

| | |
|---|---------|
| HP 14.1 Business Sleeve | 2UW01AA |
| HP Renew 14 Laptop Sleeve | 2E6U9AA |
| HP Renew 14 Laptop Sleeve | 2E6V0AA |
| 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 |
| HP Reversible 13.3-inch Sleeve | 7ZE82A6 |
| HP Reversible 13.3-inch Sleeve | 7ZE82AA |

Docking and Port Replicators

Docking Stations

| | |
|------------------------|------------------|
| HP USB-C Travel Hub G2 | 7PJ38AA ★ |
| HP USB-C Travel Hub G2 | 7PJ38UT |

Keyboards/Mice and Input Devices

Keyboard and Mouse Kits

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|---|------------------|
| HP Wired Desktop 320MK Mouse and Keyboard | 9SR36AA ★ |
| HP Wired Desktop 320MK Mouse and Keyboard | 9SR36ET |
| HP Wired Desktop 320MK Mouse and Keyboard | 9SR36UT |
| HP Wireless Rechargeable 950MK Mouse and Keyboard | 3M165AA |
| HP Wireless Rechargeable 950MK Mouse and Keyboard | 3M165UT |

Mice

| | |
|--------------------------------|------------------|
| HP Wired Desktop 320M Mouse | 9VA80AA ★ |
| HP 3-button USB Laser Mouse | H4B81AA |
| HP 3-button USB Laser Mouse | H4B81ET |
| HP Bluetooth Travel Mouse | 6SP30AA |
| HP Bluetooth Travel Mouse | 6SP30UT |
| HP Comfort Grip Wireless Mouse | H2L63AA |
| HP Comfort Grip Wireless Mouse | H2L63UT |
| HP USB Fingerprint Mouse | 4TS44AA |
| HP Wired Desktop 320M Mouse | 9VA80ET |
| HP Wired Desktop 320M Mouse | 9VA80UT |
| HP Wireless Premium Mouse | 1JR31AA |
| HP Wireless Premium Mouse | 1JR31UT |
| USB Travel Mouse | G1K28AA |
| USB Travel Mouse | G1K28ET |

Keyboards

| | |
|--------------------------------|---------|
| HP Wired Desktop 320K Keyboard | 9SR37AA |
| HP Wired Desktop 320K Keyboard | 9SR37ET |
| HP Wired Desktop 320K Keyboard | 9SR37UT |
| HP Wireless (Link-5) Keyboard | T6U20AA |

Security and Protection

PC Locks

| | |
|--------------------------|---------|
| HP Nano Keyed Cable Lock | 1AJ39AA |
| HP Nano Keyed Cable Lock | 1AJ39UT |

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|---------------------------------|---------|
| HP Nano Master Keyed Cable Lock | 1AJ40AA |
| HP Sure Key Cable Lock | 6UW42AA |
| HP Sure Key Cable Lock | 6UW42UT |

Cables/Cable Kits/Cable Adapters

Cable Adapters

| | |
|---------------------------------|---------|
| HP USB Type-C to RJ45 Adapter | V8Y76AA |
| 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 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 |

Monitors

Business Monitors

★ : Recommended

E-Series

| | |
|--------------------------------------|---------|
| HP E24d G4 FHD USB-C Docking Monitor | 6PA50AS |
| HP E24d G4 FHD USB-C Docking Monitor | 6PA50AT |
| 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 |

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