



HP Sales Central

HP 255 G8 Notebook PC (2Q0G3UT)

Discontinued as of 3/15/2022



Overview

Budget friendly. Business ready.

Get connected with the HP 255 Laptop PC with powerful technology and a streamlined chassis that's easy to take everywhere you go. Complete business tasks with an AMD processor² and essential collaboration tools.

The HP 255 Laptop PC is a value-priced PC with a 15.6-inch diagonal display, an AMD processor², and essential collaboration tools.

List Price

\$399.00

Nice and light

The HP 255 Laptop keeps up with mobile workstyles with a thin and light design. The beautiful display with its narrow border design and big screen-to-body-ratio provides ample space for work or streaming content.

Well-connected

This laptop is ready to connect to all your peripherals and is designed to fit the needs of business with a USB Type-C® data port, an RJ-45 port and an HDMI port.

Powered for business

Complete projects with a powerful AMD processors² and fast memory and storage options.³

Specifications

Operating system

Windows 10 Home – HP recommends Windows 11 Pro for business¹

Processor family

AMD Athlon™ Gold processor

Processor

AMD Athlon™ Gold 3150U (2.4 GHz base clock, up to 3.3 GHz max boost clock, 4 MB L3 cache, 2 cores)^{6,7}

Security management

TPM 2.0

Memory

8 GB DDR4-2400 MHz RAM (2 x 4 GB)

Memory layout (slots & size)

2 x 4 GB

Memory Slots

1 SODIMM

Internal Storage

256 GB PCIe® NVMe™ SSD

Optical drive

Not included

Display

15.6" diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45% NTSC

Display size (diagonal)

15.6"

Graphics

Integrated

Graphics (integrated)

AMD Radeon™ Graphics

Ports

2 Super Speed USB Type-A 5Gbps signaling rate; 1 SuperSpeed USB Type-C® 5Gbps signaling rate; 1 RJ-45; 1 headphone/microphone combo; 1 HDMI 1.4b; 1 AC power

(HDMI cable sold separately.)

3

Expansion slots

1 multi-format digital media reader

Camera

720p HD camera

Audio

Stereo speakers, integrated digital microphone

Pointing device

Touchpad with multi-touch gesture support

Keyboard

Full-size keyboard with numeric keypad

Wireless

Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo

Power

HP Smart 45 W External AC power adapter

Battery type

HP Long Life 3-cell, 41 Wh Li-ion

Ecolabels

ENERGY STAR® certified

Energy star certified

ENERGY STAR® certified

Product color

Dark ash silver

Minimum dimensions (W x D x H)

14.09 x 9.53 x 0.78 in

Weight

Starting at 3.84 lb

UPC number

195161670671

Software included

HP Support Assistant; Native Miracast support; HP Audio Switch; HP Documentation; HP Setup Integrated OOE; HP SSRM; HP JumpStarts; McAfee® LiveSafe™ 30 day trial; Xerox® DocuShare® 30 day free trial offer¹⁰

14

15

22¹

Manufacturer Warranty

1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.¹⁹ 1

Overview

- 1 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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.
- 2 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. AMD's numbering, branding and/or naming is not a measurement of higher performance.
- 3 Sold separately or as an optional feature.

Specifications

- 1 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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.
- 6 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 and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed.
- 7 Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.
- 10 Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- 14 HP Support Assistant requires Windows and Internet access.
- 15 30-day McAfee® LiveSafe™ trial included. Internet access required and not included. Subscription required after expiration. See WWW.McAfee.com for more details.
- 19 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.
- 22 Simply sign up and start using Xerox® DocuShare® Go. No credit card. No obligation. Data will become unavailable unless a subscription is entered before the end of the 30 day free trial period. See visit www.xerox.com/docusharego for details.

Detailed Specifications

Accessories

HP HDMI to VGA Adapter H4F02AA; HP Prelude Top Load 15.6 1E7D7AA; HP Prelude Backpack 15.6 1E7D6AA; HP External USB Optical Drive F2B56AA; HP USB Essential Keyboard/Mouse H6L29AA

Aggregation group name

BV_FE_FAMILY:herschel6u_Group_087

Aggregation UPC group

195908116615 195908116622 195908116639 195908116646 195908116653 195908116660
195908116677 195908116899 195908410560 195908410614 195908422907 195908422914
195908422921 196337897960 196337898073 196337898080 196337898097 196337899957
196337900776 196548095452 196548095469 195161670657 195161670671 195161670695
195161670701 195161670725 195161670824 195161670831 195697019074 195697042409
195697042430 195697085765 195697199752 195697211034 195697479427 195697499395
195697543678 195697608568 195697918148 195697929489 195908007630 195908079279
195908079408 195908079422 195908079446 195908125044 195908125082 195908145097
195908225034 195908259527 195908259558 195908503811 195908504900 195908582632
195908755067 195908755128 196068011017 196068314095 196068314101 196068319960
196068337346 196068474447 196068808686 196068880408 196188172995 196188678107
196337458338 196337458345 196337458369 196337458482 196337633117 196337633209
196337633223 196337633230 196337769632 196337844131 196337873629 196548233243
196548236015 196548357451 196548455362 196548460458 196548465415 196548505241
196548505265 196548803132 196548803767 196548840199 196548840205 196548842032

Audio

Stereo speakers, integrated digital microphone

Available software

HP Smart Support

Available software footnote number

[57]

Battery brand

HP

Battery capacity

41

Battery capacity uom

Wh

Battery cells number

3

Battery life

Long Life

Battery life note

Battery is internal and not replaceable by customer. Serviceable by warranty.

Battery type

HP Long Life 3-cell, 41 Wh Li-ion

Battery type

Li-ion

Battery weight

0.42 lb

Battery weight

190 g

Bluetooth version

Bluetooth® 5.0

Brightness

250 nits

Camera

720p HD camera

Camera resolution (vertical)

720p

Camera resolution standard

HD

Code name

Herschel6U

Color gamut

45% NTSC

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Datasheet photo 1

AHID/2879d9e5f88ac6299a7fe673d04b95a11e23656d

Datasheet photo 2

Publication photos/AMS Care Pack Blue.jpg

Datasheet photo 3

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Datasheet photo 4

AHID/e9fc8d33d9ea39e9b12a326ba082c2879c13a2

Datasheet photo 5

AHID/1426e5bbd926d7214d149cc9f2011f5e4d8e6954

Display

15.6" diagonal HD display

Display

15.6" diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45% NTSC

Display footnote number

[12,13]

Display size (diagonal)

15.6"

ECC memory

non-ECC

Ecolabels

ENERGY STAR® certified

Energy star certified

ENERGY STAR® certified

Expansion slots

1 multi-format digital media reader

Expansion slots note

Supports SD, SDHC, SDXC.

Graphics

Integrated

Graphics (integrated)

AMD Radeon™ Graphics

Image legal disclaimer

Product image may differ from actual product

Internal Storage

256 GB PCIe® NVMe™ SSD

Keyboard

Full-size keyboard with numeric keypad

Keyboard keypad

numeric keypad

Keyboard size

Full-size

Legal tagline

HP recommends Windows 11 Pro for business

Manufacturer Warranty

1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Memory

8 GB DDR4-2400 MHz RAM (2 x 4 GB)

Memory and storage

8 GB memory; 256 GB SSD storage

Memory layout (slots & size)

2 x 4 GB

Memory module type

DIMM

Memory size

8

Memory size uom

GB

Memory Slots

1 SODIMM

Memory speed

2400

Memory speed uom

MHz

Memory type

DDR4

Minimum dimensions (W x D x H)

14.09 x 9.53 x 0.78 in

Minimum dimensions (W x D x H)

35.8 x 24.2 x 1.99 cm

Number of memory slots

2

Operating system

Windows 10 Home – HP recommends Windows 11 Pro for business

Operating system footnote number

[1]

Operating system note

Device comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11. Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see Windows 11 Specifications).

Optical drive

Not included

Pointing device

Touchpad with multi-touch gesture support

Ports

2 Super Speed USB Type-A 5Gbps signaling rate; 1 SuperSpeed USB Type-C® 5Gbps signaling rate; 1 RJ-45; 1 headphone/microphone combo; 1 HDMI 1.4b; 1 AC power

Ports note

HDMI cable sold separately.

Power

HP Smart 45 W External AC power adapter

Power supply required footnote number

[18]

Processor

AMD Athlon™ Gold 3150U (2.4 GHz base clock, up to 3.3 GHz max boost clock, 4 MB L3 cache, 2 cores)

Processor base frequency

2.4

Processor Brand

AMD

Processor cache

4 MB L3

Processor core

2

Processor family

AMD Athlon™ Gold processor

Processor family

Athlon™ Gold

Processor frequency UOM

GHz

Processor maximum frequency

3.3

Processor maximum frequency uom

GHz

Processor model

3150U

Processor name footnote number

[6,7]

Processor threads

4

Product brand name

HP

Product color

Dark ash silver

Product long name specifications

HP 255 G8 Notebook PC, Windows 10 Home 64 - HP recommends Windows 10 Pro for business, AMD Athlon™ Gold, 8GB RAM, 256GB SSD

Product short name specifications

HP 255 G8 Notebook PC, AMD Athlon™ Gold, 8GB RAM, 256GB SSD

Security management

TPM 2.0

Security management footnote number

[16]

Software included

HP Support Assistant; Native Miracast support; HP Audio Switch; HP Documentation; HP Setup Integrated OOB; HP SSRM; HP JumpStarts; McAfee® LiveSafe™ 30 day trial; Xerox® DocuShare® 30 day free trial offer

Software included footnote number

[10,14,15,22]

Standard memory note

Transfer rates up to 2400 MT/s.

Storage capacity

256

Storage capacity uom 01

GB

Storage interface 01

PCIe®

Storage interface protocol 01

NVMe™

Storage type

SSD

Storage type 01

SSD

Tech spec footnote

[1] 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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.

Tech spec footnote

[10] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.

Tech spec footnote

[11] The term "10/100/1000" or "Gigabit" Ethernet indicates compatibility with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/s. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.

Tech spec footnote

[12] HD content required to view HD images.

Tech spec footnote

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

Tech spec footnote

[14] HP Support Assistant requires Windows and Internet access.

Tech spec footnote

[15] 30-day McAfee® LiveSafe™ trial included. Internet access required and not included. Subscription required after expiration. See WWW.McAfee.com for more details.

Tech spec footnote

[16] Firmware TPM is version 2.0, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).

Tech spec footnote

[17] Windows 10 MM18 battery life will vary depending on various factors including 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. See www.bapco.com for additional details.

Tech spec footnote

[18] Availability may vary by country.

Tech spec footnote

[19] 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.

Tech spec footnote

[20] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

Tech spec footnote

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Tech spec footnote

[23] Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors.

Tech spec footnote

[3] 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. AMD's numbering is not a measurement of clock speed.

Tech spec footnote

[4] Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.

Tech spec footnote

[5] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

Tech spec footnote

[6] 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 and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed.

Tech spec footnote

[7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

Tech spec footnote

[8] For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) is reserved for system recovery software.

Tech spec footnote

[9] 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.

Tech spec footnote 57

[57] HP Smart Support automatically collects the telemetry necessary upon initial boot of the product to deliver device-level configuration data and health insights and is available preinstalled on select products, thru HP Factory Configuration Services; or it can be downloaded. For more information about how to enable HP Smart Support or for download, please visit <http://www.hp.com/smart-support>.

Touchscreen

No

Trademark information

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UNSPSC code

43211503

UPC number

195161670671

Warranty footnote number

[19]

Weight

Starting at 1.74 kg

Weight

Starting at 3.84 lb

Weight note (imperial)

Weight will vary by configuration.

Weight note (metric)

Weight will vary by configuration.

Wireless

Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo

Wireless antenna

2x2

Wireless Model

RTL8822CE

Wireless standard

802.11a/b/g/n/ac

Wireless supplier

Realtek

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