



HP Sales Central

HP Laptop 17-cn0046nr (660D5UA)

Active as of 1/6/2022



Overview

A 17-inch laptop with a big vision for the future

The HP 17 Laptop is thoughtfully designed and delivers performance with an Intel processor¹, fast Wi-Fi technology, and loads of storage. Enjoy a more natural and comfortable typing position with the lift-hinge design and enlarged click pad. The HP 17 design includes sustainable materials like ocean-bound plastic and from post-consumer recycled plastic³.

The HP 17 Laptop PC is about sustainability³ while blending performance and comfort.

List Price

\$623.25



Lift-hinge design

The new lift-hinge design elevates the keyboard for a more natural and comfortable typing position.



A faster way to charge

Get back to work or play without waiting hours to recharge. Charge your battery up to 50% within 45 minutes² with HP Fast Charge.



Reliable, powerful processor

Multitasking feels easy and fast with the performance of an Intel processor¹.



Quad-core Intel® Pentium® Silver processor

The perfect combination of performance, power consumption, and value helps your device handle multitasking smoothly and reliably with four processing cores to divide up the work.⁵



HD+ display

Enjoy your photos, movies, and games with crisp quality. The 1600 x 900 resolution delivers 1.4 million pixels, 50% more than normal HD, for boosted definition.⁶



Keyboard keycaps contain post-consumer recycled plastic

We're bringing a more sustainable design to our keyboards by using keycaps made with post-consumer recycled plastic.⁷



Liberating battery life

Take on your day without worrying about recharging. With up to 8 hours and 15 minutes of battery life, you can work, watch more, and spend more of your time totally untethered.⁸



PCIe SSD storage

Boot up in seconds with lightning fast speed with up to 256 GB PCIe SSD storage.

Specifications

Operating system

Windows 11 Home in S mode^{38 1}

Processor family

Intel® Pentium® Silver processor

Processor

Intel® Pentium® Silver N5030 (1.1 GHz base frequency, up to 3.1 GHz burst frequency, 4 MB L2 cache, 4 cores)^{6, 7 1}

Chipset

Intel® Integrated SoC

Sustainable impact specifications

Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps made with post-consumer recycled plastic

Security management

Trusted Platform Module (Firmware TPM) support

Memory

4 GB DDR4-2400 MHz RAM (1 x 4 GB)

Memory layout (slots & size)

1 x 4 GB

Internal Storage

256 GB PCIe® NVMe™ M.2 SSD

Cloud service

25 GB Dropbox storage for 12 months

Display

17.3" diagonal, HD+ (1600 x 900), BrightView, 250 nits, 60% NTSC

Display size (diagonal)

17.3"

Graphics

Integrated

Graphics (integrated)

Intel® UHD Graphics 605

Ports

1 USB Type-C® 5Gbps signaling rate; 2 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo; 1 AC smart pin; 1 HDMI 1.4b

Camera

HP True Vision 720p HD camera with integrated dual array digital microphones

Audio

Dual speakers

Pointing device

HP Imagepad with multi-touch gesture support; Precision Touchpad support

Keyboard

Full-size, natural silver keyboard with numeric keypad

Wireless

Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo; Realtek Wi-Fi 6 (1x2) and Bluetooth® 5.2 combo (supporting gigabit data rate)^{12, 13 1}

Power supply type

45 W Smart AC power adapter

Battery type

3-cell, 41 Wh Li-ion

Ecolabels

EPEAT® Silver registered

Energy star certified

ENERGY STAR® certified

Product design

Paint finish cover and base, vertical brushed In-mould roll keyboard frame

Product color

Natural silver

Minimum dimensions (W x D x H)

15.78 x 10.15 x 0.81 in

Weight

Starting at 4.53 lb

UPC number

196548225453

Package dimensions (W x D x H)

2.72 x 21.73 x 13.58 in

Package weight

6.54 lb

Software included

McAfee LiveSafe™

Manufacturer Warranty

1-year limited hardware warranty. Additional information available at www.support.hp.com; 90 days limited technical support for software and initial setup (from date of purchase)^{14 1}

Overview

- 1 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. Intel's numbering is not a measurement of higher performance.
- 2 Battery power adapter varies by configuration (45W or 65W available). Check the SKU model for details. 65W battery adapter recharges your battery up to 50% within 30 minutes and 45W battery adapter recharges your battery up to 50% within 45 minutes. Tested when the system is off (using "shut down" command). Recommended for use with the HP adapter provided with the notebook, not recommended with a smaller capacity battery charger. After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/- 10% due to System tolerance. Available on select HP products. See <http://store.hp.com> for a full list of product features.
- 3 Percentage of ocean-bound plastic contained in each component varies by product.
- 4 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>.
- 5 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. Intel's numbering, branding and/or naming is not a measurement of higher performance. Internet service required and not included. 4K content required to view full 4K images. Graphics output may be limited based on the maximum resolution of the display.
- 6 High-definition+ (HD+) content is required to view HD+ images.
- 7 Percentage of post-consumer recycled plastic contained in keycap varies by product.

Specifications

- 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. Intel's numbering, branding and/or naming is not a measurement of higher performance.
- 7 Burst frequency performance varies depending on hardware, software and overall system configuration.
- 12 Wireless access point and Internet access required and not included. Availability of public wireless access points is limited.
- 13 Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license.
- 14 Wireless access point and internet service required and sold separately. Availability of public wireless access points limited; Call 1.800.474.6836 or support.hp.com for more information on Care Packs available after standard warranty expires. After standard warranty expires, an incident fee may apply.
- 38 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>

Detailed Specifications

Additional information about HP

<http://www.hp.com>

Audio

Dual speakers

Battery capacity

41

Battery capacity uom

Wh

Battery cells number

3

Battery life

Long Life

Battery life

Up to 8 hours and 15 minutes

Battery life footnote number

[3]

Battery life video playback

Up to 11 hours and 30 minutes

Battery life video playback footnote number

[10]

Battery recharge time

Supports battery fast charge: approximately 50% in 45 minutes

Battery recharge time footnote number

[5]

Battery type

3-cell, 41 Wh Li-ion

Battery type

Li-ion

Battery weight

0.38 lb

Battery weight

175 g

Bluetooth version

Bluetooth® 5.2

Brightness

250 nits

Camera

HP True Vision 720p HD camera with integrated dual array digital microphones

Camera brand

HP True Vision

Camera microphone

integrated dual array digital microphones

Camera resolution (vertical)

720p

Camera resolution standard

HD

Chipset

Intel® Integrated SoC

Cloud service

25 GB Dropbox storage for 12 months

Cloud service footnote number

[1]

Code name

Vlad_21C1

Color

Natural silver

Color gamut

60% NTSC

Copyright notice

© Copyright 2023 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.

Dimensions (W x D x H) Note

Dimensions vary by configuration

Display

17.3" diagonal HD+ display

Display

17.3" diagonal, HD+ (1600 x 900), BrightView, 250 nits, 60% NTSC

Display brightness

250

Display brightness uom

nits

Display footnote number

[17]

Display resolution (pixels)

1600 x 900

Display resolution standard

HD+

Display size (diagonal)

17.3"

Display size (diagonal)

43.9 cm (17.3")

Display size (diagonal) uom

"

Display size (diagonal, imperial)

17.3

Display size (diagonal, metric)

43.9

Display size (diagonal, metric) uom

cm

Display surface treatment

BrightView

ECC memory

non-ECC

Ecolabels

EPEAT® Silver registered

Ecolabels footnote number

[27]

Energy star certified

ENERGY STAR® certified

Graphic card footnote number

[8]

Graphics

Integrated

Graphics (integrated)

Intel® UHD Graphics 605

Hard drive description footnote number

[21]

HP apps

HP Support Assistant; HP BIOS Protection; HP QuickDrop; MyHP

Image legal disclaimer

Product image may differ from actual product

Internal Storage

256 GB PCIe® NVMe™ M.2 SSD

Keyboard

Full-size, natural silver keyboard with numeric keypad

Keyboard color

natural silver

Keyboard keypad

numeric keypad

Keyboard size

Full-size

Legal disclaimer

Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. See <http://www.microsoft.com>.

Manufacturer Warranty

1-year limited hardware warranty. Additional information available at www.support.hp.com; 90 days limited technical support for software and initial setup (from date of purchase)

Memory

4 GB DDR4-2400 MHz RAM (1 x 4 GB)

Memory and storage

4 GB memory; 256 GB SSD storage

Memory layout (slots & size)

1 x 4 GB

Memory module type

DIMM

Memory Note

Transfer rates up to 2400 MT/s.

Memory size

4

Memory size uom

GB

Memory speed

2400

Memory speed uom

MHz

Memory type

DDR4

Minimum dimensions (W x D x H)

15.78 x 10.15 x 0.81 in

Minimum dimensions (W x D x H)

40.07 x 25.78 x 2.06 cm

Number of memory slots

1

Number of User-accessible Memory Slots

0

Operating system

Windows 11 Home in S mode

Operating system footnote number

[38]

Package depth, imperial (most common size)

21.73

Package depth, metric (most common size)

55.2

Package dimensions (W x D x H)

2.72 x 21.73 x 13.58 in

Package dimensions (W x D x H)

6.9 x 55.2 x 34.3 cm

Package height, imperial (most common size)

13.58

Package height, metric (most common size)

34.5

Package weight

2.96 kg

Package weight

6.54 lb

Package width, imperial (most common size)

2.71

Package width, metric (most common size)

6.9

Packaging unit of measure (imperial)

in

Packaging unit of measure (metric)

cm

Playbook TS icon battery life

<http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905264.png>

Playbook TS icon connectivity

<http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png>

Playbook TS icon dimensions NB

<https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08250394.png>

Playbook TS icon display NB

<http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08205649.png>

Playbook TS icon graphics

<https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png>

Playbook TS icon memory

<https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png>

Playbook TS icon OS

<http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png>

Playbook TS icon processor

<https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png>

Playbook TS icon storage

<http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png>

Playbook TS icon weight imperial

<http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png>

Playbook TS icon weight metric

<https://h10003.www1.hp.com/digmedialib/proding/lowres/c08267650.png>

Pointing device

HP Imagepad with multi-touch gesture support; Precision Touchpad support

Ports

1 USB Type-C® 5Gbps signaling rate; 2 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo; 1 AC smart pin; 1 HDMI 1.4b

Power supply type

45 W Smart AC power adapter

Processor

Intel® Pentium® Silver N5030 (1.1 GHz base frequency, up to 3.1 GHz burst frequency, 4 MB L2 cache, 4 cores)

Processor base frequency

1.1

Processor Brand

Intel®

Processor cache

4 MB L2

Processor core

4

Processor family

Intel® Pentium® Silver processor

Processor family

Pentium® Silver

Processor frequency UOM

GHz

Processor maximum frequency

3.1

Processor maximum frequency uom

GHz

Processor model

N5030

Processor name footnote number

[6,7]

Processor threads

4

Product brand name

HP

Product color

Natural silver

Product design

Paint finish cover and base, vertical brushed In-mould roll keyboard frame

Product long name specifications

HP Laptop 17-cn0046nr, Windows 11 Home in S mode, 17.3", Intel® Pentium® Silver, 4GB RAM, 256GB SSD, HD+, Natural silver

Product long name specifications V2

HP Laptop 17, Windows 11 Home in S mode, 17.3", Intel® Pentium® Silver, 4GB RAM, 256GB SSD, HD+, Natural silver

Product short name specifications

HP Laptop 17-cn0046nr, 17.3", Intel® Pentium® Silver, 4GB RAM, 256GB SSD

Screen-to-body ratio (without speakers)

84%

Screen-to-body ratio (without speakers) footnote number

[18]

Security management

Trusted Platform Module (Firmware TPM) support

Software - Productivity & finance

1 month trial for new Microsoft 365 customers

Software - productivity & finance footnote number

[24]

Software footnote number

[2]

Software included

McAfee LiveSafe™

Storage capacity

256

Storage capacity uom 01

GB

Storage form factor 01

M.2

Storage interface 01

PCIe®

Storage interface protocol 01

NVMe™

Storage type

SSD

Storage type 01

SSD

Sustainable impact specifications

Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps made with post-consumer recycled plastic

Sustainable impact specifications footnote number

[39,41]

Tech spec footnote

[1] 25 GB of free Dropbox storage for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at <https://www.dropbox.com/help/space/hp-promotion>. Internet service required and not included.

Tech spec footnote

[10] Battery life tested by HP using continuous FHD video playback, 1080p (1920x1080) resolution, 150 nits brightness, system audio level at 17%, player audio level at 100%, played full-screen from local storage, headphone attached, wireless on but not connected. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage.

Tech spec footnote

[12] Wireless access point and Internet access required and not included. Availability of public wireless access points is limited.

Tech spec footnote

[13] Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license.

Tech spec footnote

[14] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited; Call 1.800.474.6836 or support.hp.com for more information on Care Packs available after standard warranty expires. After standard warranty expires, an incident fee may apply.

Tech spec footnote

[17] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

Tech spec footnote

[18] Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.

Tech spec footnote

[2] Internet access required and not included. Subscription required after 30 days trial period. McAfee, LiveSafe and the McAfee logo are trademarks or registered trademarks of McAfee, Inc. in the United States and other countries.

Tech spec footnote

[21] Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content; Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially read compared to SATA SSD.

Tech spec footnote

[24] Must activate within 180 days of Windows activation.

Tech spec footnote

[27] ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. EPEAT® Silver registered where applicable. EPEAT registration varies by country. See epeat.net for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at hp.com/go/options.

Tech spec footnote

[3] Windows MobileMark 18 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 <https://bapco.com/products/mobilemark-2018/> for additional details.

Tech spec footnote

[30] Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included.

Tech spec footnote

[32] HP BIOS Protection works with Windows 10 or 11 that ships with your PC; For more information visit hp.com/go/hpsupportassistant. (Link will vary outside of the U.S.) HP Support Assistant is only available on Windows-based PCs. Internet connection required for updating and connecting to HP Support; HP QuickDrop is preinstalled on this PC. Unlock use on secondary devices by downloading the app from iOS or Google Play store and connect to your PC. Limited to sharing to one device at a time. Must be linked to an HP PC. Not applicable to sharing content between two mobile devices; For more information visit <http://www.hp.com/go/hpsupportassistant>. (Link will vary outside of the U.S.) HP Support Assistant is only available on Windows-based PCs. Internet connection required for updating and connecting to HP Support.

Tech spec footnote

[37] Weight and system dimensions may fluctuate due to configuration and manufacturing variances.

Tech spec footnote

[38] 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

[39] Percentage of ocean-bound plastic contained in each component varies by product.

Tech spec footnote

[41] Keyboard keycaps contain post-consumer recycled plastic. Percentage of Post consumer recycled contained in each component varies by product.

Tech spec footnote

[5] Recharges your battery up to 50% within 45 minutes when the system is off (using "shut down" command). Recommended for use with the HP adapter provided with the notebook, not recommended with a smaller capacity battery charger. After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP products. See <http://store.hp.com> for a full list of product features.

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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

Tech spec footnote

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

Tech spec footnote

[8] 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.

Technology logo, print 3

Publication logos/EPEAT_silver_3C11.jpg

Technology logo, print 4

Publication logos/energy_star_logo.jpg

Technology logo, print 6

Publication logos/McAfee_LiveSafe.jpg

Touchscreen

No

Trademark information

All other trademarks are the property of their respective owners.

UNSPSC code

43211503

UPC number

196548225453

Warranty footnote number

[14]

Weight

Starting at 2.05 kg

Weight

Starting at 4.53 lb

Weight (imperial) footnote number

[37]

Weight note (metric)

Weight varies by configuration

Wireless

Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo; Realtek Wi-Fi 6 (1x2) and Bluetooth® 5.2 combo (supporting gigabit data rate)

Wireless antenna

1x2

Wireless Model

RTL8822CE

Wireless Note

MU-MIMO supported; Miracast® compatible

Wireless standard

Wi-Fi 6

Wireless supplier

Realtek

Wireless technologies footnote number

[12,13]

Wireless transfer speeds

Supporting Gigabit data rate