



HP Sales Central

HP Laptop 15-dy5097nr (687Y9UA)

Active as of 4/13/2022



Overview

A lightweight laptop for work or play, wherever you need it

Do your thing, all day and wherever you prefer, thanks to the HP 15.6" Laptop PC with a lightweight design and long battery life¹. Enjoy comfortable computing with a flicker-free screen² and experience reliable performance thanks to the Intel® Core™ Processor³. Plus, made with the planet in mind, is EPEAT® Silver registered⁴ and ENERGY STAR® certified.

Stay productive and entertained from anywhere with long-lasting battery life and micro-edge display.

List Price

\$1,006.94



Thin and light with a micro-edge display

Super-portable with a lightweight design and a more comfortable view on flicker-free², micro-edge display.



Stay connected with a long battery life

The long battery life¹ and HP Fast Charge⁵ technology let you work, watch, and stay connected all day.



Reliable performance for every day

Perform daily tasks with ease thanks to your laptop's Intel® Core™ Processor³ and abundant storage.

1080p

Full HD display

Sit back and enjoy crystal-clear visuals and images with the vibrant quality of 2 million pixels. The 1920 x 1080 resolution gives all your digital content a new dimension.⁷



Anti-glare panel

Enjoy the sun and your favorite content with this anti-glare panel. Non-reflective and low gloss means you'll get less glare while you're outside.



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.⁸



HP QuickDrop

Wirelessly transfer photos, videos, documents and more between your PC and mobile device.



Adobe Offer

Get a complimentary 1 month trial of the best creativity and productivity apps from Adobe with the purchase of a computer from HP. Create anything you can imagine – photos, videos, graphics, webpages, PDFs, and more. Get started with the app that best fits your need.⁹

Specifications

Operating system

Windows 11 Home

Processor family

12th Generation Intel® Core™ i7 processor

Processor

Intel® Core™ i7-1255U (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)^{6,7} 1

Chipset

Intel® Integrated SoC

Sustainable impact specifications

Keyboard keycaps made with post-consumer recycled plastic

Security management

Trusted Platform Module (Firmware TPM) support

Memory

16 GB DDR4-3200 MHz RAM (2 x 8 GB)

Memory layout (slots & size)

2 x 8 GB

Internal Storage

256 GB PCIe® NVMe™ M.2 SSD

Cloud service

25 GB Dropbox storage for 12 months

Display

15.6" diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 250 nits, 45% NTSC

Display size (diagonal)

15.6"

Graphics

Integrated

Graphics (integrated)

Intel® Iris® Xe Graphics

Ports

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

Expansion slots

1 multi-format SD media card reader

Camera

HP True Vision 720p HD camera with temporal noise reduction and integrated dual array digital microphones

Audio

Dual speakers

Pointing device

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

Keyboard

Full-size, backlit, natural silver keyboard with numeric keypad

Wireless

MediaTek Wi-Fi 6 MT7921 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate)

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)

14.11 x 9.53 x 0.71 in

Weight

3.75 lb

UPC number

196548447688

Package dimensions (W x D x H)

2.71 x 20.47 x 12 in

Package weight

4.87 lb

Software included

McAfee LiveSafe™; 1-month Adobe free trial offer

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) ¹⁴1

Overview

- 1 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.
- 2 The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.
- 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 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.
- 4 Based on U.S. EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
- 5 Approximately 50% in 45 minutes. 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.
- 6 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>.
- 7 Full high-definition (FHD) content is required to view FHD images.
- 8 Percentage of post-consumer recycled plastic contained in keycap varies by product.
- 9 Offer available worldwide (excluding China and embargoed countries or other countries identified as restricted by applicable law or regulation) to new and existing subscribers who are 18+. Click on the Adobe icon in the start menu to redeem a 1-month free trial membership for select Adobe software. The software is tied to the device and is not transferrable. If you would like to sign up for an auto-renewing subscription, you can provide your payment method at sign-up. By adding a payment method, your subscription will automatically renew at the then current rate on your renewal date until you cancel. If you cancel before the end of the one-month free trial, you won't be charged. You can cancel your subscription anytime via your Adobe Account page or by contacting Customer Support. Please see current prices for Adobe products available in this offer. Offer not available to Education, OEM, or volume licensing customers. Subject to availability where the recipient resides. Additional terms and conditions may apply. VOID WHERE PROHIBITED OR RESTRICTED BY LAW.

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 Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.
- 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.

Detailed Specifications

Additional information about HP

<http://www.hp.com>

Aggregation group name

BV_FE_FAMILY:langkawi_22c1_Group_335

Aggregation UPC group

196548483484848 196548844180 196548853175 196548846375 196548971954 196548971961
196548972036 196548972456 196548972548 196548972616 196548972623 196548972630
196548972647 196548972654 196548972678 196548972692 196548974108 196548380503
196548380527 196548392643 196548392650 196548392667 196548392674 196548392681
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196548412365 196548412402 196548412723 196548447688 196548479573 196548479597
196548483358 196548503506 196548503513 196548505050 196548549870 196548550913
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196548972562 196548972579 196548972586 196548972593 196548972661 196548972685
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196548975167 196548975174 196548975181 196548975198 196548975204 196548975457
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196786022838 196786036262 196786040184 196786040191 196786042430 196786042447
196786066047 196786087844 196786087851 196786088780 196786088797 196786088803
196786091537 196786117244 196786117251 196786117268 196786117275 196786135224
196786135231 196786135248 196786135255 196786135262 196786137945 196786140457
196786143496 196786153877 196786153884 196786153891 196786173745 196786173769
196786250200 196786250217 196786250699 196786250705 196786250712 196786254437
196786265112 196786265129 196786309137 196786315343 196786315350 196786315367
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196786395413 196786395420 196786413889 196786402876 196786402883 196786402890
196786407543 196786413858 196786414343 196786415081 196786418266 196786418303
196786418310 196786421716 196786432118 196786432125 196786445606 196786445613

Aspect ratio

16:9

Audio

Dual speakers

Battery capacity

41

Battery capacity uom

Wh

Battery cells number

3

Battery life

Long Life

Battery life

Up to 7 hours and 45 minutes

Battery life footnote number

[3]

Battery life video playback

Up to 10 hours and 45 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

0.46 lb

Battery weight

210 g

Bluetooth version

Bluetooth® 5.2

Brightness

250 nits

Camera

HP True Vision 720p HD camera with temporal noise reduction and 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

Langkawi_22C1

Color

Natural silver

Color gamut

45% NTSC

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Datasheet photo 1

<https://ssl-product-images.www8-hp.com/digmedialib/prodimg/lowres/c07951369.png>

Datasheet photo 2

<https://ssl-product-images.www8-hp.com/digmedialib/prodimg/lowres/c07951398.png>

Datasheet photo 3

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Datasheet photo 4

<https://ssl-product-images.www8-hp.com/digmedialib/prodimg/lowres/c06593121.png>

Dimensions (W x D x H) Note

Dimensions vary by configuration

Display

15.6" diagonal FHD display

Display

15.6" diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 250 nits, 45% NTSC

Display bezel

micro-edge

Display brightness

250

Display brightness uom

nits

Display panel technology

IPS

Display resolution (pixels)

1920 x 1080

Display resolution standard

FHD

Display size (diagonal)

15.6"

Display size (diagonal)

39.6 cm (15.6")

Display size (diagonal) uom

"

Display size (diagonal, imperial)

15.6

Display size (diagonal, metric)

39.6

Display size (diagonal, metric) uom

cm

Display surface treatment

anti-glare

ECC memory

non-ECC

Ecolabels

EPEAT® Silver registered

Ecolabels footnote number

[27]

Energy star certified

ENERGY STAR® certified

Expansion slots

1 multi-format SD media card reader

Feature supporting point footnote number

[11]

Feature supporting point footnote number

[12]

Feature supporting point footnote number

[13]

Flicker-free

Yes

Flicker-free footnote number

[45]

Graphics

Integrated

Graphics (integrated)

Intel® Iris® Xe Graphics

HP apps

HP Audio Switch; HP Support Assistant; HP Connection Optimizer; HP BIOS Protection; HP QuickDrop; MyHP; OMEN Gaming Hub

HP apps footnote number

[32]

Image legal disclaimer

Product image may differ from actual product

Internal Storage

256 GB PCIe® NVMe™ M.2 SSD

Keyboard

Full-size, backlit, natural silver keyboard with numeric keypad

Keyboard backlight

backlit

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

16 GB DDR4-3200 MHz RAM (2 x 8 GB)

Memory and storage

16 GB memory; 256 GB SSD storage

Memory layout (slots & size)

2 x 8 GB

Memory module type

DIMM

Memory Note

Transfer rates up to 3200 MT/s.

Memory size

16

Memory size uom

GB

Memory speed

3200

Memory speed uom

MHz

Memory type

DDR4

Minimum dimensions (W x D x H)

14.11 x 9.53 x 0.71 in

Minimum dimensions (W x D x H)

35.85 x 24.2 x 1.79 cm

Number of memory slots

2

Number of User-accessible Memory Slots

0

Operating system

Windows 11 Home

Package depth, imperial (most common size)

20.47

Package depth, metric (most common size)

52

Package dimensions (W x D x H)

2.71 x 20.47 x 12 in

Package dimensions (W x D x H)

6.9 x 52 x 30.5 cm

Package height, imperial (most common size)

12

Package height, metric (most common size)

30.5

Package weight

2.21 kg

Package weight

4.87 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

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Playbook TS icon storage

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

Playbook TS icon weight imperial

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Playbook TS icon weight metric

<https://h10003.www1.hp.com/digmedialib/prodimg/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 AC smart pin; 1 HDMI 1.4b; 1 headphone/microphone combo

Power supply type

45 W Smart AC power adapter

Processor

Intel® Core™ i7-1255U (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)

Processor Brand

Intel®

Processor cache

12 MB L3

Processor core

10

Processor family

12th Generation Intel® Core™ i7 processor

Processor family

Core™ i7

Processor frequency technology

Intel® Turbo Boost Technology

Processor generation

12th Generation

Processor maximum frequency

4.7

Processor maximum frequency uom

GHz

Processor model

1255U

Processor name footnote number

[6,7]

Processor threads

12

Product brand name

HP

Product color

Natural silver

Product design

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

Product language options

#ABA

Product long name specifications

HP Laptop 15-dy5097nr, Windows 11 Home, 15.6", Intel® Core™ i7, 16GB RAM, 256GB SSD, FHD, Natural silver

Product long name specifications V2

HP Laptop 15, Windows 11 Home, 15.6", Intel® Core™ i7, 16GB RAM, 256GB SSD, FHD, Natural silver

Product short name specifications

HP Laptop 15-dy5097nr, 15.6", Intel® Core™ i7, 16GB RAM, 256GB SSD

Screen-to-body ratio (without speakers)

82.12%

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

[2,25]

Software included

McAfee LiveSafe™; 1-month Adobe free trial offer

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

Keyboard keycaps made with post-consumer recycled plastic

Sustainable impact specifications footnote number

[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

[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

[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] Free 30 day subscription of McAfee LiveSafe service included. Internet access required and not included. Subscription required after expiration.

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

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

Tech spec footnote

[25] Offer available worldwide (excluding China and embargoed countries or other countries identified as restricted by applicable law or regulation) to new and existing subscribers who are 18+. Click on the Adobe icon in the start menu to redeem a 1-month free trial membership for select Adobe software. The software is tied to the device and is not transferrable. If you would like to sign up for an auto-renewing subscription, you can provide your payment method at sign-up. By adding a payment method, your subscription will automatically renew at the then current rate on your renewal date until you cancel. If you cancel before the end of the one-month free trial, you won't be charged. You can cancel your subscription anytime via your Adobe Account page or by contacting Customer Support. Please see current prices for Adobe products available in this offer. Offer not available to Education, OEM, or volume licensing customers. Subject to availability where the recipient resides. Additional terms and conditions may apply. VOID WHERE PROHIBITED OR RESTRICTED BY LAW.

Tech spec footnote

[27] ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency; Based on U.S. EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.

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

[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.

Tech spec footnote

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

Tech spec footnote

[45] The Flicker-free capability is eliminating screen flickering through integrating DC-dimming LED backlights or LED emissions. OLED panel is functional with DC-DIMMING when above 100nits.

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] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

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

196548447688

Warranty footnote number

[14]

Weight

1.69 kg

Weight

3.75 lb

Weight note (metric)

Weight varies by configuration

Wireless

MediaTek Wi-Fi 6 MT7921 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate)

Wireless antenna

2x2

Wireless Model

MT7921

Wireless Note

MU-MIMO supported; Modern Standby (Connected)

Wireless standard

Wi-Fi 6

Wireless supplier

MediaTek

Wireless transfer speeds

Supporting Gigabit data rate

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