



HP Laptop 15-dy2046nr (50V75UA)



Overview

Do more from anywhere. All-day long.

Stay connected to what matters most with long-lasting battery life and a thin and portable, micro-edge bezel design. Built to keep you productive and entertained from anywhere, the HP 15" diagonal laptop features reliable performance and an expansive display - letting you stream, surf and speed through tasks.



Take it anywhere. See more.

See more of your screen on the 6.5 mm micro-edge bezel display. A thin and light design makes it easy to take this PC anywhere.



Powered up and productive. All day long.

Long-lasting battery life and HP Fast Charge technology lets you work, watch, and stay connected all day. Integrated precision touchpad with multi-touch support speeds up navigation and productivity.



Reliable performance for every day

Tackle your busiest days with the performance of an Intel® processor. Save more of what you love with abundant storage for all your photos, videos and documents.

Features

Get a fresh perspective

Windows 11 provides a calm and creative space where you can pursue your passions through a fresh experience. From a rejuvenated Start menu, to new ways to connect to your favorite people, news, games, and content—Windows 11 is the place to think, express, and create in a natural way.^[1]



PCIe SSD storage

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



MU-MIMO supported

If you have several MU-MIMO devices in your home, MU-MIMO support works in combination with a MU-MIMO router to maximize network traffic for a smoother online experience.



Exceptional experience, anywhere

11th Gen Intel® Core™ processors bring the perfect combination of features to make you unstoppable. Get things done fast with high performance, instant responsiveness and best-in-class connectivity.^[2]



Wi-Fi 5 (1x1) & Bluetooth® 4.2 (802.11a/b/g/n/ac)

Stay connected to Wi-Fi and to Bluetooth® accessories with wireless technology.^[3]



Dual channel memory

With dual channel technology, two channels work simultaneously to double the communication speed between the memory controller and the RAM increasing system performance.

[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] 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.

[3] Wireless access point and Internet service required. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the laptop to communicate with other 802.11ac WLAN devices. Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11ac) is backwards compatible with prior Wi-Fi 5 specs.

Specifications

Operating system	Windows 11 Home
Product color	Natural silver
Processor family	11th Generation Intel® Core™ i3 processor
Processor	Intel® Core™ i3-1115G4 (up to 4.1 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 2 cores, 4 threads) ^[6,7]
Chipset	Intel® Integrated SoC
Memory	8 GB DDR4-2666 MHz RAM (2 x 4 GB)
Internal Storage	256 GB PCIe® NVMe™ M.2 SSD
Product design	Paint finish cover and base, vertical brushed In-mould roll keyboard frame
Optical drive	Optical drive not included
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics
Display	15.6" diagonal, HD (1366 x 768), touch, micro-edge, BrightView, 220 nits, 45% NTSC
Display size (diagonal)	39.6 cm (15.6")
Display size (diagonal)	15.6"
Audio	Dual speakers
Minimum dimensions (W x D x H)	35.85 x 24.2 x 1.79 cm <i>(Dimensions vary by configuration)</i>
Minimum dimensions (W x D x H)	14.11 x 9.53 x 0.71 in
Weight	1.69 kg <i>(Weight varies by configuration)</i>
Weight	3.75 lb
Keyboard	Full-size, natural silver keyboard with numeric keypad
Pointing device	HP Imagepad with multi-touch gesture support; Precision Touchpad Support
Webcam	HP True Vision 720p HD camera with integrated dual array digital microphones
Ports	1 SuperSpeed USB Type-C® 5Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 1.4b; 1 AC smart pin; 1 headphone/microphone combo
Expansion slots	1 multi-format SD media card reader
Package dimensions (W x D x H)	30.5 x 52 x 6.9 cm
Package weight	2.2 kg
Wireless	Realtek RTL8821CE-M 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 combo
Power supply type	45 W Smart AC power adapter

Battery type	3-cell, 41 Wh Li-ion
Battery life	Up to 8 hours and 30 minutes ^[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes ^[5]
Battery weight	0.46 lb
Battery weight	210 g
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Software included	McAfee LiveSafe™
Software - Productivity & finance	1 month trial for new Microsoft 365 customers ^[24]
Cloud service	25 GB Dropbox storage for 12 months ^[1]
UPC number	196188671054

Additional specifications

Additional information about HP	http://www.hp.com
Battery capacity	41
Battery capacity uom	Wh
Battery cells number	3
Battery life	Long Life
Battery life video playback	Up to 11 hours
Battery type	Li-ion
Bluetooth version	Bluetooth® 4.2
Brightness	220 nits
Camera brand	HP True Vision
Camera microphone	integrated dual array digital microphones
Camera resolution (vertical)	720p
Camera resolution standard	HD
Color	Natural silver
Color gamut	45% NTSC
Display	15.6" diagonal HD touch display
Display bezel	micro-edge
Display brightness	220
Display brightness uom	nits
Display resolution (pixels)	1366 x 768
Display resolution standard	HD
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	BrightView
Display touchscreen type	touch screen
ECC memory	non-ECC
Fingerprint reader	Fingerprint reader not available
Keyboard color	natural silver
Keyboard keypad	numeric keypad
Keyboard size	Full-size
Legal tagline	HP recommends Windows 10 Pro.

MDA key selling point	Windows 10 Home or other operating systems available
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 speed	2666
Memory speed uom	MHz
Memory type	DDR4
Number of User-accessible Memory Slots	0
Number of memory slots	2
Package depth, imperial (most common size)	20.47
Package depth, metric (most common size)	52
Package dimensions (W x D x H)	12 x 20.47 x 2.71 in
Package height, imperial (most common size)	12
Package height, metric (most common size)	30.5
Package weight	4.87 lb
Package width, imperial (most common size)	2.71
Packaging unit of measure (imperial)	in
Packaging unit of measure (metric)	cm
Processor Brand	Intel®
Processor base frequency	3.0
Processor base frequency uom	GHz
Processor cache	6 MB L3
Processor core	4
Processor family	Core™ i3
Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	11th Generation
Processor maximum frequency	4.1
Processor maximum frequency uom	GHz

Processor model	1115G4
Processor threads	2
Product brand name	HP
Product long name specifications	HP Laptop 15-dy2046nr, 15.6", touch screen, Windows 11 Home, Intel® Core™ i3, 8GB RAM, 256GB SSD, HD, Natural silver
Storage capacity 01	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
Touchscreen	Yes
UNSPSC code	43211503
Wireless Model	RTL8821CE-M
Wireless antenna	1x1
Wireless standard	802.11a/b/g/n/ac
Wireless supplier	Realtek

[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.

[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.

[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.

[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.

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