ProductSheet
HP Laptop 15-dw4020nu (6X8Z3EA)

Portability and power to do more, all-day long

Stream, surf or speed through tasks from sun up to sun down with this reliable HP Laptop. Enjoy flicker-free images[1] from anywhere, thanks to this device's high portability. Experience impressive performance to match its mobility with an Intel® Processor[2] and advanced graphics. Plus, get back to what you love quickly with HP Fast Charge[3].

Ultra-portable with a thin and light design
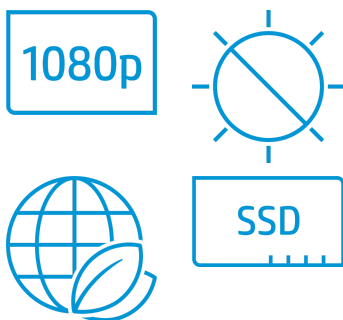Take this lightweight PC anywhere while experiencing vibrant, flicker-free images[1] on a 15.6" micro-edge display.

Reliable performance for every day
Tackle your busiest days with an Intel® Processor[2], advanced graphics, and abundant storage space.

Never be without power
Stay powered up and productive for longer with HP Fast Charge[3], plus an integrated precision touchpad.

Featuring

Flicker-free
Using DC Dimming technology that controls brightness by adjusting direct current rather than cycling the backlight, we can eliminate screen flickering for more comfortable viewing. [4]

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. [5]

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. [6]

PCIe SSD storage
Boot up in seconds with lightning fast speed with up to 512 GB PCIe SSD storage.

Specifications

Operating system	FreeDOS
Product color	Natural silver
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]
Chipset	Intel® Integrated SoC
Memory	16 GB DDR4-3200 MHz RAM (2 x 8 GB)
Internal Storage	512 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	Discrete
Graphics (discrete)	NVIDIA® GeForce® MX550 (2 GB GDDR6 dedicated)
Graphics (integrated)	Intel® Iris® Xe Graphics
Display	39.6 cm (15.6") diagonal, FHD (1920 x 1080), micro-edge, anti-glare, 250 nits, 45% NTSC
Display	15.6" diagonal, FHD (1920 x 1080), micro-edge, anti-glare, 250 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 1.99 cm *(Dimensions vary by configuration)*
Minimum dimensions (W x D x H)	14.11 x 9.53 x 0.78 in
Weight	1.78 kg *(Weight varies by configuration)*
Weight	3.92 lb
Keyboard	Full-size, natural silver keyboard with numeric keypad
Pointing device	Touchpad with multi-touch gesture support; Precision Touchpad Support
Camera	HP True Vision 720p HD camera with temporal noise reduction and 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 RJ-45; 1 AC smart pin; 1 headphone/microphone combo
Expansion slots	1 multi-format SD media card reader
Package dimensions (W x D x H)	6.9 x 52 x 30.5 cm
Package weight	2.53 kg
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo
Power supply type	65 W Smart AC power adapter
Battery type	3-cell, 41 Wh Li-ion
Battery life	Up to 5 hours and 45 minutes[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes[5]
Battery weight	0.46 lb
Battery weight	210 g
Sustainable impact specifications	Keyboard keycaps made with post-consumer recycled plastic
Security management	Trusted Platform Module (Firmware TPM) support
UPC number	196786674921

Top Recommended Displays, Accessories and Services

HP Home Monitors

HP V27i G5 FHD Monitor	65P64AA
HP V27i G5 FHD Monitor	65P65AA
HP V24i G5 FHD Monitor	65P58AA
HP V24i G5 FHD Monitor	65P59AA
HP V22v G5 FHD Monitor	65P56AA
HP V22v G5 FHD Monitor	65P57AA

Keyboard and Mouse Kits

HP Pavilion Wireless Keyboard and Mouse 800	4CE99AA

Messaging Footnotes

[1] The flicker-free capability eliminates screen flickering by integrating DC-dimming LED backlights.

[2] Multi-core is designed to improve the performance of certain software products. Not all customers or software applications will necessarily benefit from the 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 clock speed.

[3] Recharges your battery up to 50% within 45 minutes when the system is off (using the "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, the 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.

[4] The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.

[5] Full high-definition (FHD) content is required to view FHD images.

[6] Percentage of post-consumer recycled plastic contained in keycap varies by product.

Technical Specifications Footnotes

[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.