

# HP Laptop 15s-fq5020na

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 life<sup>1</sup>. Enjoy comfortable computing with a flicker-free screen<sup>2</sup> and experience reliable performance thanks to the Intel® Core™ Processor<sup>3</sup>. Plus, made with the planet in mind, is EPEAT® Silver registered<sup>4</sup> and ENERGY STAR® certified.



\*Product image may differ from actual product



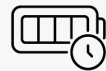
**Thin and light with a micro-edge display**

Super-portable with a lightweight design and a more comfortable view on flicker-free<sup>2</sup>, micro-edge display.



**Reliable performance for every day**

Perform daily tasks with ease thanks to your laptop's Intel® Core™ Processor<sup>3</sup> and abundant storage.



**Stay connected with a long battery life**

The long battery life<sup>1</sup> and HP Fast Charge<sup>5</sup> technology let you work, watch, and stay connected all day.



with



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## Featuring

### Get a fresh perspective

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.<sup>6</sup>

### A dynamic processor that adapts to you for superior multi-tasking performance

12th Gen Intel® Core™ processors distributes performance where you need it the most – saving you time and increasing your ability to do the things you actually want.<sup>7</sup>

### 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.<sup>2</sup>

### 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.<sup>8</sup>

### 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.<sup>9</sup>

### HP QuickDrop

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

### HP Fast Charge

When your laptop is low on power, no one has time to wait hours to recharge. Power down your device and go from 0 to 50% charge in approximately 45 minutes.<sup>10</sup>

### PCIe SSD storage

Boot up in seconds with lightning fast speed with up to 128 GB PCIe SSD storage.

### 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.<sup>11</sup>

### 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.

### Dual front-facing speakers

Pump up the volume to your favorite music, movie or game. When your audio is directed towards you, nothing comes between you and your entertainment.

### DDR4 RAM

Designed to run more efficiently and more reliably at faster speeds, DDR4 is the future of RAM. With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.

### USB Type-C® 5Gbps signaling data rate

Plug in your external storage with this USB Type-C® port, featuring 5Gbps signaling data rate. And it's reversible, so you never have to worry about plugging in upside down.<sup>12</sup>

### Connected Modern Standby

Stay up-to-date on your email, calendar notifications, and more—even when you're not using your PC. Your PC stays connected for instant updates.

### SD and Micro SD card reader

Simply insert an SD or Micro SD card and increase your device's storage for more movies, photos, and music, or easily access any content you have stored on an existing card.

### Full-size keyboard with integrated numeric keypad

The full-sized keyboard with integrated numeric keypad allows you to comfortably type and increase productivity with 1.5mm key travel.

### HP Imagepad with multi-touch gesture

This true multi-touch touchpad supports four finger gestures and lets you scroll, zoom, and navigate with a simple touch.

### HP True Vision HD Camera

Video chat in vibrant clarity, even in low light and make every conversation a face-to-face experience for a better way to stay in touch.<sup>13</sup>

### Dropbox cloud storage

Store and synchronize your content online with Dropbox. Get 25 GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access.<sup>14</sup>

### McAfee® LiveSafe™

Protect your operating system with a free 30-day McAfee® LiveSafe™ subscription.<sup>15</sup>

## Recommended accessories and services (not included)



HP 330 Wireless Mouse and Keyboard Combination  
2V9E6AA



HP Prelude 15.6-inch Backpack  
2Z8P3AA



HP Stereo USB Headset G2  
428H5AA



3-year pickup and return  
U1PS3E



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## Specifications



## Performance

### Operating system

Windows 11 Home in S mode

### Processor

Intel® Core™ i3-1215U (up to 4.4 GHz with Intel® Turbo Boost Technology, 10 MB L3 cache, 6 cores, 8 threads)<sup>6,7</sup>

Processor family: 12th Generation Intel® Core™ i3 processor

### Chipset

Intel® Integrated SoC

### Memory

4 GB DDR4-3200 MHz RAM (1 x 4 GB)

Transfer rates up to 3200 MT/s.

Number of User-accessible Memory Slots: 0

### Storage

128 GB PCIe® NVMe™ M.2 SSD

25 GB Dropbox storage for 12 months<sup>1</sup>

### Graphics

Integrated: Intel® UHD Graphics;

### Audio

Dual speakers

### Display

39.6 cm (15.6") diagonal, FHD (1920 x 1080), micro-edge, anti-glare, 250 nits, 45% NTSC<sup>17</sup>

### Screen-to-body ratio

82.12%<sup>18</sup>

### Power

45 W Smart AC power adapter;

### Battery type

3-cell, 41 Wh Li-ion<sup>23</sup>

210 g

### Battery and Power

Up to 7 hours and 30 minutes<sup>3</sup>;

Supports battery fast charge: approximately 50% in 45 minutes<sup>5</sup>

### Maximum battery life video playback

Up to 10 hours<sup>10</sup>

## Connectivity

### Wireless connectivity

Realtek RTL8821CE-M 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 wireless card<sup>14</sup>

MU-MIMO supported; Modern Standby (Connected); Miracast® compatible

### Ports

1 USB Type-C® 5Gbps signaling rate (supports data transfer only and does not support charging or external monitors); 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

### Webcam

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

## Sustainability

### Ecolabels

EPEAT® Silver registered<sup>27</sup>

### Energy star certified

ENERGY STAR® certified

### Sustainable impact specifications

Keyboard keycaps made with post-consumer recycled plastic

### ECO image

<http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03123397.png>

## Design

### Product color

Natural silver

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

## Software

### HP apps

HP Support Assistant; HP QuickDrop; MyHP

### Software

LastPass Premium (30 day free trial)<sup>22</sup>;

1 month trial for new Microsoft 365 customers<sup>24</sup>

### Service & support

McAfee LiveSafe™<sup>2</sup>

## Additional information

### Part Number

P/N: 8R520EA #ABU

UPC/EAN code: 197498139876

### Weight

1.69 kg;

Packed: 2.21 kg

### Dimensions

35.85 x 24.2 x 1.79 cm;

Packed: 6.9 x 52 x 30.5 cm

### 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.

### Keyboard

Full-size, natural silver keyboard with numeric keypad

HP Imagepad with multi-touch gesture support

### Security management

Trusted Platform Module (Firmware TPM) support



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## Footnotes

### Key Selling Points Footnotes

- <sup>1</sup> 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.
- <sup>2</sup> The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.
- <sup>3</sup> 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.
- <sup>4</sup> Based on U.S. EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.
- <sup>5</sup> 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.

### Feature Messaging Footnotes

- <sup>6</sup> 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>.
- <sup>7</sup> 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.
- <sup>8</sup> Full high-definition (FHD) content is required to view FHD images.
- <sup>9</sup> Percentage of post-consumer recycled plastic contained in keycap varies by product.
- <sup>10</sup> 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.
- <sup>11</sup> 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.
- <sup>12</sup> Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum.
- <sup>13</sup> Features may require software or other 3rd party applications to provide the described functionality.
- <sup>14</sup> 25 GB of free online storage for one year from date of registration. For complete details and terms of use, including cancellation policies, visit the website at [www.dropbox.com](http://www.dropbox.com). Internet service required and not included.
- <sup>15</sup> Internet service required and not included. Subscription required after 30 days.

### Technical Specifications Footnotes

- <sup>1</sup> 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.
- <sup>2</sup> Free 30 day subscription of McAfee LiveSafe service included. Internet access required and not included. Subscription required after expiration.
- <sup>3</sup> 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.
- <sup>5</sup> 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.
- <sup>6</sup> 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.
- <sup>7</sup> Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.
- <sup>10</sup> 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.
- <sup>14</sup> 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.
- <sup>17</sup> All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- <sup>18</sup> Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.
- <sup>22</sup> Reverting to LastPass basic after 30 days.
- <sup>23</sup> 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.
- <sup>24</sup> Must activate within 180 days of Windows activation.
- <sup>27</sup> Based on U.S. EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.
- <sup>41</sup> Keyboard keycaps contains post-consumer recycled plastic. Percentage of Post consumer recycled contained in each component varies by product.
- <sup>45</sup> 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.

