

# HP Laptop 14s-dq5221nia

## A thin and dependable laptop for your everyday needs

Built for both productivity and entertainment, this HP 14" Laptop PC lets you stay portable with its thin and light design. Enjoy vivid, flicker-free<sup>1</sup> images on a micro-edge display and tackle busy workdays with an Intel® Core™ Processor<sup>2</sup> and abundant storage. Stay connected all day thanks to the long battery life<sup>3</sup> and HP Fast Charge<sup>4</sup> technology.



\*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>1</sup>, micro-edge display.



**Reliable performance for every day**

Perform daily tasks with ease thanks to your laptop's Intel® Core™ Processor<sup>2</sup> and abundant storage.



**Stay connected with a long battery life**

The long battery life<sup>3</sup> and HP Fast Charge<sup>4</sup> technology let you work, watch, and stay connected all day.



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## Featuring

**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>5</sup>

**Intel® UHD Graphics**

Smoothly stream 4K content and play your favorite games in 720p, without the need for a dedicated graphics card. With excellent Intel® UHD graphics performance, you'll see the difference in everything you do.<sup>6</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>7</sup>

**Micro Edge display**

By squeezing a larger screen into a smaller frame, this ultra-thin, barely visible bezel revolutionizes your display's appearance with a beautifully efficient design.

**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.

**16:9 aspect ratio**

A 16:9 aspect ratio lets you see all of your game.

**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>8</sup>

**ENERGY STAR® certified**

Save energy and money with ENERGY STAR®, certified by the EPA so you will use less energy and save money where it counts most.<sup>9</sup>

**EPEAT® Gold registered**

EPEAT® Gold registered products are the highest-rated products that meet all of EPEAT required criteria. EPEAT is the world's premier ecolabel for electronics.<sup>10</sup>

**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>11</sup>

**PCIe SSD storage**

Boot up in seconds with lightning fast speed with up to 256 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>12</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 speakers**

Pump up the volume to your favorite music, movie or game with dual-stereo speakers.

**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>13</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.

**Backlit keyboard**

Keep going even in dimly lit rooms or aboard red-eye flights. With an illuminated keyboard, you can type comfortably in more environments.

**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>14</sup>

## Recommended accessories and services (not included)



3-year return to depot  
U1PS9E



# HP Laptop 14s-dq5221nia

## Specifications



## Performance

### Operating system

FreeDOS 3.0

### 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 MT/s (1 x 4 GB)

Transfer rates up to 3200 MT/s.

Number of User-accessible Memory Slots: 0

### Storage

256 GB PCIe® NVMe™ M.2 SSD

### Graphics

Integrated: Intel® UHD Graphics;

### Audio

Dual speakers

### Display

35.6 cm (14") diagonal, HD (1366 x 768), micro-edge, anti-glare, 250 nits, 45% NTSC<sup>17</sup>

### Screen-to-body ratio

79.08%<sup>18</sup>

### Power

45 W Smart AC power adapter;

### System coolers

### Battery type

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

210 g

### Battery and Power

Up to 8 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 11 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

### Sustainable impact specifications

Keyboard keycaps made with post-consumer recycled plastic<sup>41</sup>

## Design

### Product color

Natural silver

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

## Additional information

### Part Number

P/N: B1QA7EA #BH5

UPC/EAN code: 198828416186

### Weight

1.46 kg;

Packed: 1.92 kg

### Dimensions

32.4 x 22.5 x 1.79 cm;

Packed: 6.9 x 48.3 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, backlit, natural silver keyboard

HP Imagepad with multi-touch gesture support

### Security management

Trusted Platform Module (Firmware TPM) support



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## Footnotes

### Messaging Footnotes

- <sup>1</sup> The flicker-free capability eliminates screen flickering by integrating DC-dimming LED backlights.
- <sup>2</sup> 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, branding, and/or naming is not a measurement of higher performance.
- <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>4</sup> 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.
- <sup>5</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>6</sup> High-definition (HD) content required to view HD images. Graphics output may be limited based on the maximum resolution of the display. 4K content required to view full 4K images.
- <sup>7</sup> The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.
- <sup>8</sup> Percentage of post-consumer recycled plastic contained in keycap varies by product.
- <sup>9</sup> ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.
- <sup>10</sup> EPEAT® Gold registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.
- <sup>11</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>12</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>13</sup> Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum.
- <sup>14</sup> Features may require software or other 3rd party applications to provide the described functionality.

### Technical Specifications Footnotes

- <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>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>37</sup> Weight and system dimensions may fluctuate due to configuration and manufacturing variances.
- <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.

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