

# HP Laptop 17-by2501na



## Beautifully designed to do it all

Designed for long-lasting performance, this stylishly designed HP 43.9 cm (17.3") laptop has a long-lasting battery that keeps you connected, entertained, and productive all day. Speed through tasks, or sit back and socialize – with an Intel® processor<sup>1</sup> and a rich display. Do it all, all day.



\*Product image may differ from actual product



### Responsive and reliable performance

A laptop with the power to surf, stream,<sup>2</sup> and do so much more with an Intel® processor<sup>1</sup>. Plus extensive quality testing ensures that you can keep going...and going.



### Sleek. Stylish. Powerful.

A sleek and stylish design makes this eye-catching laptop easy to take anywhere. With its beautiful brushed keyboard and color-matched hinge, the smartly designed HP 43.9 cm (17.3") laptop looks as good as it performs.



### Stay connected and entertained

Stay connected and entertained with a long-lasting HP fast charge battery and visually rich display. Plus, easily store and enjoy your favorite music, movies, and photos with ample storage.



# HP Laptop 17-by2501na

---

## Featuring

### Windows 10

Do great things confidently with the familiar feel of Windows - only better.<sup>5</sup>

### 10th Generation Intel® Core™ processor

Uncompromised performance and productivity whether plugged in or on the go. Enjoy immersive gaming and premium streaming with up to 4K stunning resolution wherever you go.<sup>6</sup>

### HD+ display

Enjoy your photos, movies, and games with crisp quality. The 1600 x 900 resolution delivers 1.4 million pixels, 50% more than normal HD, for boosted definition.<sup>7</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.

### Liberating battery life

Take on your day without worrying about recharging. With up to 9 hours and 15 minutes of battery life, you can work, watch more, and spend more of your time totally untethered.<sup>8</sup>

### Up to 1 TB Hard drive storage

Don't worry about growing your collection of digital movies, songs, and pictures. With massive storage options you can save it all, and still have plenty of room left over.<sup>9</sup>

### Intel® Optane™

This smart system accelerator learns from your everyday computing and helps your performance—making everything fast, smooth, and responsive.<sup>10</sup>

### 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.

### 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.

### SuperSpeed USB Type-A 5Gbps signaling data rate

Plug in your external storage with this SuperSpeed USB Type-A port, featuring 5Gbps signaling data rate.<sup>12</sup>

### 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-sized keyboard

The full-sized keyboard allows you to work anywhere, with 1.5mm key travel for typing comfort and total productivity.

### 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>

### Re-writable DVD drive

Watch and write DVDs using the integrated optical drive.<sup>15</sup>

### McAfee® LiveSafe™

Protect your operating system with a free 30-day McAfee® LiveSafe™ subscription.<sup>16</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>19</sup>

### 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.

### Choose your color

Personalize your PC with your choice of color, for style that matches yours.<sup>23</sup>

# HP Laptop 17-by2501na



\*Product image may differ from actual product

## Specifications

### Performance

#### Operating system

Windows 10 Home 64

#### Processor

Intel® Core™ i3-10110U (2.1 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 4 MB L3 cache, 2 cores)<sup>6,7</sup>

Processor family: 10th Generation Intel® Core™ i3 processor

#### Chipset

Intel® Integrated SoC

#### Memory

4 GB DDR4-2666 SDRAM (1 x 4 GB)

Memory slots: 0:

Transfer rates up to 2666 MT/s.

#### Storage

1 TB 5400 rpm SATA HDD

16 GB PCIe® NVMe™ Intel® Optane™ Memory for storage acceleration<sup>9</sup>

DVD-Writer

Dropbox<sup>1</sup>

#### Graphics

Integrated: Intel® UHD Graphics;

#### Audio

Dual speakers

#### Display

43.9 cm (17.3") diagonal, HD+ (1600 x 900), anti-glare, 220 nits, 60% NTSC

#### Screen-to-body ratio

76.81%<sup>18</sup>

#### Power

45 W Smart AC power adapter;

#### Battery type

3-cell, 41 Wh Li-ion;

210 g;

#### Battery and Power

Up to 9 hours and 15 minutes<sup>3</sup>;

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

#### Maximum battery life video playback

Up to 8 hours and 45 minutes<sup>10</sup>

### Connectivity

#### Network interface

Integrated 10/100/1000 GbE LAN

#### Wireless connectivity

Realtek RTL8821CE 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 combo

Miracast compatible; MU-MIMO supported

#### Ports

2 USB 3.1 Gen 1 Type-A (Data Transfer Only); 1 USB 2.0 Type-A (Data Transfer Only); 1 AC

smart pin; 1 HDMI 1.4b; 1 headphone/microphone combo; 1 RJ-45

1 multi-format SD media card reader

#### Webcam

HP True Vision 720p HD camera with integrated digital microphone

### Design

#### Product color

Natural silver cover and base, ash silver keyboard frame

Paint base finish, vertical brushing pattern with IMR cover and keyboard frame

### Software

#### HP apps

HP 3D DriveGuard; HP Audio Switch; HP JumpStart; HP Support Assistant

#### Software

Netflix;

1 month trial for new Microsoft 365 customers

#### Service & support

McAfee LiveSafe™<sup>2</sup>

### Additional information

#### Part Number

P/N: 2B5X8EA #ABU

UPC/EAN code: 195161209925

#### Energy efficiency compliance

ENERGY STAR® certified; EPEAT® Silver registered

#### Weight

Starting at 2.41 kg;

Packed: 3.24 kg

Weight Note: Weight varies by configuration

#### Dimensions

41.48 x 27.22 x 2.45 cm;

Packed: 6.9 x 34.5 x 59.8 cm

Dimension Note: Dimensions vary by configuration

#### Warranty

1 year limited parts, labour, and pickup and return service; You can expand the warranty coverage of your product to reach up to 3 years in total; for more information go to the "Options and accessories" web section on hp.com product pages.

#### Keyboard

Full-size, natural silver keyboard with numeric keypad

Touchpad with multi-touch gesture support

#### Security management

Kensington Mini Security slot™

Fingerprint reader not available

# HP Laptop 17-by2501na

## Recommended accessories

\* Not included.



HP In-Ear Headset 150  
(Marine Blue)  
2AP91AA



HP Wireless Keyboard  
and Mouse 300  
3ML04AA



HP Pavilion Wireless  
Keyboard 600 Black  
4CE98AA



PC Care pack

3-year pickup and return  
U1PS3E

## Key Selling Points Footnotes

<sup>1</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.

<sup>2</sup> Internet service required and not included.

## Feature Messaging Footnotes

<sup>5</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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.microsoft.com>.

<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. Internet service required and not included. 4K content required to view full 4K images. Graphics output may be limited based on the maximum resolution of the display.

<sup>7</sup> High-definition+ (HD+) content is required to view HD+ images.

<sup>8</sup> 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-2014/> for additional details.

<sup>9</sup> For hard drives, TB = 1 trillion bytes. Actual formatted capacity is less.

<sup>10</sup> 7th Generation Intel® Core™ i processor or later required. Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system.

<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.

<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> Actual speeds may vary. Don't copy copyright-protected materials.

<sup>16</sup> Internet service required and not included. Subscription required after 30 days.

<sup>23</sup> Colors may vary by region.

## Technical Specifications Footnotes

<sup>1</sup> New Dropbox users are eligible to get 25 GB of Dropbox space free 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 10 MobileMark 14 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-2014/> 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>9</sup> Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system.

<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>18</sup> Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.

<sup>24</sup> Must activate within 180 days of Windows activation.

