# ProductSheet HP Pavilion Gaming Laptop 15-dk2003nj (4A6D4EA)



# For multiplayers and multitaskers

Sacrifice nothing with the thin and powerful HP Pavilion Gaming Laptop PC. Experience high-grade graphics and processing power for gaming and multitasking, plus improved thermal cooling for overall performance and stability. Immerse yourself in the game with a narrow bezel display and customtuned audio. The perfect balance between work and play, so you can do it all.



#### Power your day. Power your play.

Take on anything and everything with a powerful Intel<sup>®</sup> Core<sup>™</sup> processor[1] and NVIDIA<sup>®</sup> graphics[2]. A high resolution display with fast refresh rate delivers smooth gameplay visuals, while also bringing entertainment and content to life.

#### Game harder for longer

The HP Pavilion Gaming Laptop PC is equipped with a dual fan system for enhanced thermal cooling. Wide rear corner vents and additional air inlets maximize airflow to optimize your overall performance and stability, keeping the machine cool during extended usage.

#### Bold, immersive design

Get lost in the game. A sleek micro-edge bezel display provides a maximum viewing experience while the front-firing speakers with Audio by B&O deliver powerful, custom-tuned sound.

## Featuring

# Exceptional experience, anywhere

11th Gen Intel<sup>®</sup> Core<sup>™</sup> processors bring the perfect combination of features to make you unstoppable. Get things done fast with high performance, instant responsiveness and best-inclass connectivity. <sup>[3]</sup>

## FHD IPS display

Enjoy crystal-clear images from any angle. With 178° wide-viewing angles and a vibrant 1920 x 1080 resolution, you'll always have a great view of your favorite content. <sup>[4]</sup>

## 144 Hz FHD anti-glare display

Reduce frustrating lag and image ghosting with a display that combines a 144 Hz refresh rate, G-Sync support, and a 1080p resolution for smooth, crisp gameplay. <sup>[5]</sup>

#### PCIe SSD storage

Boot up in seconds with lightning fast speed with up to 1 TB PCIe SSD storage.

### 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.







# Specifications

Product color   Shadow black, acid green durome logo     Processor family   11th Generation Intel® Core® is processor     Processor   Intel® Core® 11:300H (up to 4.4 GHz) with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores) <sup>[6,7]</sup> Chipset   Intel® Core® 11:300H (up to 4.4 GHz) with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores) <sup>[6,7]</sup> Chipset   Intel® Core® 11:300H (up to 4.4 GHz) with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores) <sup>[6,7]</sup> Chipset   Intel® Core® 11:300H (up to 4.4 GHz) with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores) <sup>[6,7]</sup> Internal Storage   11 TB PCIe® WWR® MZ SSD     Product design   Paint Initsh     Optical drive   Optical drive not included     Graphics   Integrated     Graphics (discrete)   NVDIA® Geforce RTX™ 3050 Laptop GPU (4 GB GDDR6 dedicated)     Graphics (integrated)   Intel® Iris® X° Graphics     Display   15.6° (diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC     Display size (diagonal)   35.6 cm (15.6°)     Display size (diagonal)   15.6°     Minimum dimensions (W x D x H)   14.7 x 10.08 x 0.32 in     Weight   54 x 56 x 3.34 cm (Dimensions vary by configuration)     Weight   54 x 55 x 3.2 kg     Weight <th>Operating system</th> <th>FreeDOS</th>	Operating system	FreeDOS
Processor     Intel® Core® 15-11300H (up to 4.4 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores) <sup>6,71</sup> Chipset     Intel® Integrated SoC       Memory     16 GB DDR4-3200 MHz RAN (2 x 8 GB)       Internal Storage     1 TB PCIe® NUME® ML2 SSD       Product design     Paint Inish       Optical drive     Optical drive not included       Graphics     Discrete       Graphics (discrete)     NUDIA® Geforce RTX™ 3050 Laptop GPU (4 GB GDDR6 dedicated)       Graphics (discrete)     Intel® ins® X* caphics       Display     39.6 cm (15-6°) diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC       Display size (diagonal)     39.6 cm (15-6°) diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC       Display size (diagonal)     39.6 cm (15-6°)       Display size (diagonal)     39.6 cm (15-6°)       Minimum dimensions (W x D xH)     14.17 x 10.08 x 0.92 In       Weight     4.92 lb       Keyboard     FUI-size, acid green backlit, shadow black keyboard with numeric keypad       Pointing device     HP Mide Vision 720 p HD camera with integrated dual array digital microphones       Veloptic     Keyboard     FUI-size, acid green backlit, shadow black keyboard with numeric keypad	Product color	Shadow black, acid green chrome logo
Chipset     Intel® Integrated SoC       Memory     16 GB DR4-3200 MHz RAM (2 x8 GB)       Internal Storage     118 PCIe® NVMe® M.2 SSD       Product design     Paint finish       Optical drive     Optical drivenot included       Graphics     Discrete       Graphics (discrete)     NVIDIA® Geforce RTX® 3050 Laptop GPU (4 GB GDDR6 dedicated)       Graphics (integrated)     Integrated       Graphics (discrete)     NVIDIA® Geforce RTX® 3050 Laptop GPU (4 GB GDDR6 dedicated)       Graphics (integrated)     Integrated       Graphics (discrete)     NVIDIA® Geforce RTX® 3050 Laptop CPU (4 GB GDDR6 dedicated)       Graphics (discrete)     Integrated       Graphics (discrete)     Integrated       Jisplay     3.6 cm (15.6°)       Display size (diagonal)     1.5 c*       Audio     Audio by BSD; Dual speakers; HP Audio Boost       Minimum dimensions (W X DX H)     36 x 25.6 x 2.34 cm (Dimensions vary by configuration)       Weight     Starting at 2.23 kg       (Verigit varies by configuration)       Weight     4.92 lb       Verigit varies by configuration)       Weight     4.92 lb       Pointing devi	Processor family	11th Generation Intel® Core™ i5 processor
Chipset     Intel® Integrated SoC       Memory     16 GB DR4-3200 MHz RAM (2 x8 GB)       Internal Storage     118 PCIe® NVMe® M.2 SSD       Product design     Paint finish       Optical drive     Optical drivenot included       Graphics     Discrete       Graphics (discrete)     NVIDIA® Geforce RTX® 3050 Laptop GPU (4 GB GDDR6 dedicated)       Graphics (integrated)     Integrated       Graphics (discrete)     NVIDIA® Geforce RTX® 3050 Laptop GPU (4 GB GDDR6 dedicated)       Graphics (integrated)     Integrated       Graphics (discrete)     NVIDIA® Geforce RTX® 3050 Laptop CPU (4 GB GDDR6 dedicated)       Graphics (discrete)     Integrated       Graphics (discrete)     Integrated       Jisplay     3.6 cm (15.6°)       Display size (diagonal)     1.5 c*       Audio     Audio by BSD; Dual speakers; HP Audio Boost       Minimum dimensions (W X DX H)     36 x 25.6 x 2.34 cm (Dimensions vary by configuration)       Weight     Starting at 2.23 kg       (Verigit varies by configuration)       Weight     4.92 lb       Verigit varies by configuration)       Weight     4.92 lb       Pointing devi	Processor	Intel® Core™ i5-11300H (up to 4.4 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores) <sup>[6,7]</sup>
Internal Storage   1 TB PCIe* NVMe™ M.2 SSD     Product design   Paint finish     Optical drive   Optical drive not included     Graphics   Discrete     Graphics (discrete)   NVIDIA* GeForce RTX™ 3050 Laptop GPU (4 GB GDDR6 dedicated)     Graphics (integrated)   Intel® Iris*X* Graphics     Display   33.6 cm (15.5°) diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC     Display size (diagonal)   33.6 cm (15.5°)     Display size (diagonal)   35.6°     Audio   Audio by B&O: Dual speakers; HP Audio Boost     Minimum dimensions (W x D x H)   38.25.6 x 2.34 cm (Dimensions war/ by configuration)     Weight   Starting at 2.23 kg (Weight at 22 tb     Keyboard   Full-ize, acid green backlit, shadow black keyboard with numeric keypad     Pointing device   HP Imagepad with multi-touch gesture support; Precision Touchpad Support****     Nput devices   Accelerometer     Webcam   HW Wide Vision 720 PL Camera with integrated dual array digital microphones     1 SuperSpeed USB Type-C************************************	Chipset	
Product design   Paint finish     Optical drive   Optical drive optical drive not included     Graphics   Discrete     Graphics (discrete)   NVDDIA* GeForce RTX** 3050 Laptop GPU (4 GB GDDR6 dedicated)     Graphics (integrated)   Intel* Iris* X* Graphics     Display   39.6 cm (15.6*) diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC     Display size (diagonal)   39.6 cm (15.6*)     Display size (diagonal)   15.6*     Audio   Audio by B&O Dual speakers; HP Audio Boost     Minimum dimensions (W x D x H)   36 x 25 & x 2.34 cm ( <i>Weight xaries by configuration</i> )     Weight   Starting at 2.23 kg ( <i>Weight varies by configuration</i> )     Weight   4.92 lb     Keyboard   Full-size, acid green backlit, shadow black keyboard with numeric keypad     Pointing device   HP Imagepad with multi-touch gesture support; Precision Touchpad Support     Input devices   Accelerometer     Webcam   HP Vide Vision 720p HD camera with integrated dual array digital microphones     Type-A SGbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-A SGbps signaling rate; 1 HDMI 2.0; 1 RJ-45; 1 A C smart pin; 1 headphone/microphone comb <sup>151</sup> Expansionslots   1 multi-format 5D media card reader     Package dimensions (W x D	Memory	16 GB DDR4-3200 MHz RAM (2 x 8 GB)
Optical drive     Optical drive not included       Graphics     Discrete       Graphics (discrete)     NVIDIA® GeForce RTX™ 3050 Laptop GPU (4 GB GDDR6 dedicated)       Graphics (integrated)     Intel® Iris® X* Graphics       Display     39.6 cm (15.6°) (diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC       Display izic (diagonal)     39.6 cm (15.6°)       Display size (diagonal)     15.6°       Audio     Audio by B&O Dual speakers; HP Audio Boost       Minimum dimensions (W x D x H)     36 x 25.6 x 2.34 cm (Dimensions vary by configuration)       Weight     Starting at 2.3 kg (Weight varies by configuration)       Weight     4.92 lb       Keyboard     Full-size, acid green backlit, shadow black keyboard with numeric keypad       Pointing device     HP Imagepad with multi-touch gesture support; Precision Touchpad Support       Input devices     Accelerometer       Webcam     HP Wide Vision 720P HD camera with integrated dual array digital microphones       Type-A SGbps signaling rate (HP Sizee, and Charge); 2 SuperSpeed USB Type-A SGbps signaling rate; 1 HDM12.0; 1 R0-45; 1 AC smart pin; 1 headphone/microphone combo <sup>191</sup> Expansion slots     1 multi-format 5D media card reader       Package dimensions (W x D x H)     6.9 x 55.2 x	Internal Storage	1 TB PCIe <sup>®</sup> NVMe™ M.2 SSD
Graphics     Discrete       Graphics     Integrated       Graphics     Integrated       Graphics (integrated)     Intel® Iris*x® Graphics       Display     39.6 cm (15.6°) diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC       Display     15.6° diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC       Display size (diagonal)     39.6 cm (15.6°)       Display size (diagonal)     35.6 cm (15.6°)       Display size (diagonal)     15.6°       Audio     Audio by B80; Dual speakers; HP Audio Boost       Minimum dimensions (W x D x H)     36 x 25.6 x 2.34 cm (Dimensions vary by configuration)       Minimum dimensions (W x D x H)     14.1 x 10.08 x 0.92 in       Weight     Starting at 2.23 kg (Weight dive in the starting at 2.20 h)       Weight     4.92 lb       Keyboard     Full-size, acid green backlit, shadow black keyboard with numeric keypad       Pointing device     HP Iwide Vision 720p HD Camera with integrated dual array digital microphones       Ports     Type-A SGbps signaling rate (HP Sleep and Charge); 1 SuperSpeed USB Type-A SGbps signaling rate (HP Sleep and Charge); 2 S	Product design	Paint finish
Graphics (discrete)   NVIDIA® GeForce RTX™ 3050 Laptop GPU (4 GB GDDR6 dedicated)     Graphics   Integrated     Graphics (Integrated)   Intel® Iris® X® Graphics     Display   39.6 cm (15.6°) diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC     Display size (diagonal)   39.6 cm (15.6°)     Display size (diagonal)   15.6°     Audio   Audio by B80; Dual speakers; HP Audio Boost     Minimum dimensions (W x D XH)   36 x 25.6 x 2.3 4 cm (Dimensions vary by configuration)     Minimum dimensions (W x D XH)   35 x 25.6 x 2.3 4 cm (Dimensions vary by configuration)     Weight   Starting at 2.23 kg (Weight   Starting at 2.23 kg (Weight varies by configuration)     Weight   4.92 lb   Keyboard   Full-size, acid green backlit, shadow black keyboard with numeric keypad     Pointing device   HP Imagepad with multi-touch gesture support; Precision Touchpad Support   Input Apprecision Touchpad Support     1put devices   Accelerometer   15.90 x 50.5 signaling rate (DisplayPort**** 1.4, H* Steep and Charge); 1 SuperSpeed USB     Ports   Type# 550 bbs signaling rate (DisplayPort***** 1.4, H* Steep and Charge); 1 SuperSpeed USB     Ports   Type# 550 bbs signaling rate (DisplayPort************************************	Optical drive	Optical drive not included
Graphics   Integrated     Graphics (Integrated)   Intel® Iris® X® Graphics     Display   39.6 cm (15.6°) diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC     Display size (diagonal)   39.6 cm (15.6°)     Display size (diagonal)   15.6°     Audio   Audio by B&O Dual speakers; HP Audio Boost     Minimum dimensions (W x D x H)   36 x 2.5 & 2.34 cm (Dimensions vary by configuration)     Minimum dimensions (W x D x H)   36 x 2.5 & 2.34 cm (Dimensions vary by configuration)     Weight   Starting at 2.23 kg (Weight varies by configuration)     Weight   Starting at 2.33 kg (Weight varies by configuration)     Weight   4.92 lb     Keyboard   Full-size, acid green backlit, shadow black keyboard with numeric keypad     Pointing device   HP Imagepad with multi-touch gesture support; Precision Touchpad Support     Input devices   Accelerometer     Webcam   HP Wide Vision 720p HD camera with integrated dual array digital microphones     Type-A Sobps signaling rate (P Sleep and Charge); 1 SuperSpeed USB   Type-C® ToEbps signaling rate (DisplayPort* 1.4, HP Sleep and Charge); 1 SuperSpeed USB     Ports   Type-A Sobps signaling rate (D Sleep and Charge); 2 Super Speed USB Type-C® 1050ps signaling rate (D Sleepar Speed USB Type-C® 1050ps signaling rate (D Sleepar Speed USB T	Graphics	Discrete
Graphics (Integrated)   Intel® Iris® % Graphics     Display   39.6 cm (15.6") diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC     Display size (diagonal)   39.6 cm (15.6")     Display size (diagonal)   39.6 cm (15.6")     Display size (diagonal)   39.6 cm (15.6")     Display size (diagonal)   15.6"     Audio   Audio by B&O Dual speakers; HP Audio Boost     Minimum dimensions (W x Dx H)   36 x 25.6 x 2.34 cm (Dimensions vary by configuration)     Minimum dimensions (W x Dx H)   36 x 25.6 x 2.34 cm (Dimensions vary by configuration)     Weight   Starting at 2.23 kg (Weight varies by configuration)     Weight   4.92 lb     Keyboard   Full-isze, acid green backlit, shadow black keyboard with numeric keypad     Pointing device   HP Imagepad with multi-touch gesture support; Precision Touchpad Support     Input devices   Accelerometer     Webcam   HP Wide Vision 720p HD camera with integrated dual array digital microphones     Type - A SGbps signaling rate (HP Sleep and Charge); 1 SuperSpeed USB   Type - A SGbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type - A SGbps signaling rate; 1 HDM 12.0; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo <sup>[19]</sup> Expansion slots   1 multi-format SD media card reader     Pac	Graphics (discrete)	NVIDIA® GeForce RTX™ 3050 Laptop GPU (4 GB GDDR6 dedicated)
Display39.6 cm (15.6°) diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSCDisplay15.6° diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSCDisplay size (diagonal)39.6 cm (15.6°)Display size (diagonal)15.6°AudioAudio by B&O Dual speakers; HP Audio BoostMinimum dimensions (W x D x H)36 x 25.6 x 2.34 cm (Dimensions vary by configuration)Minimum dimensions (W x D x H)35 x 25.6 x 2.34 cm (Dimensions vary by configuration)WeightStarting at 2.23 kg (Weight at 2.23 kg (Weight 4.92 lbKeyboardFull-size, acid green backlit, shadow black keyboard with numeric keypadPointing deviceHP Imagepad with multi-touch gesture support; Precision Touchpad SupportInput devicesAccelerometerWebcamHP Wide Vision 720p HD camera with integrated dual array digital microphones1 SuperSpeed USB Type-C* 10Gbps signaling rate (DisplayPort*** 1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 2.0; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo <sup>[19]</sup> Expansion slots1 multi-format SD media card readerPackage dimensions (W x D x H)6.9 x 55.2 x 30.5 cmPackage weight3.37 kgNetwork interfaceIntegrated 10/100/1000 GbE LANWirelessRealtek Wi-Fi 6 (1x2) and Bluetooth* 5.2 combo (Supporting Gigabit data rate)Power supply type200 W Smart AC power adapterBattery type3-cell, 52.5 W h Li-ion polymerBattery type3-cell, 52.5 W h	Graphics	Integrated
Display   15.6° diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC     Display size (diagonal)   39.6 cm (15.6°)     Display size (diagonal)   15.6°     Audio   Audio by B80; Dual speakers; HP Audio Boost     Minimum dimensions (W x D x H)   36 x 25.6 x 2.34 cm (Dimensions vary by configuration)     Minimum dimensions (W x D x H)   14.17 x 10.08 x 0.92 in (Weight     Weight   Starting at 2.23 kg (Weight varies by configuration)     Weight   4.92 lb     Keyboard   Full-size, acid green backlit, shadow black keyboard with numeric keypad     Pointing device   HP Imagepad with multi-touch gesture support; Precision Touchpad Support     Input devices   Accelerometer     Webcam   HP Wide Vision 720 pt D camera with integrated dual array digital microphones     1 SuperSpeed USB Type-C* 10Gbps signaling rate (DisplayPort <sup>IM</sup> 1.4, HP Sleep and Charge); 1 SuperSpeed USB     Ports   Type-A 5Gbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 2.0; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo <sup>[19]</sup> Expansion slots   1 multi-format SD media card reader     Package dimensions (W x D x H)   6.9 x 55.2 x 30.5 cm     Package weight   3.37 kg     Network interface   Integrated 10/100/1000 GbE	Graphics (integrated)	Intel® Iris® X <sup>e</sup> Graphics
Display size (diagonal)   39.6 cm (15.6")     Display size (diagonal)   15.6"     Audio   Audio by B&O Dual speakers; HP Audio Boost     Minimum dimensions (W x D x H)   36 x 25.6 x 2.3 4 cm (Dimensions Vary by configuration)     Minimum dimensions (W x D x H)   14.17 x 10.08 x 0.92 in     Weight   Starting at 2.23 kg (Weight wises by configuration)     Weight   Starting at 2.23 kg (Weight wises by configuration)     Weight   4.92 lb     Keyboard   Full-size, acid green backlit, shadow black keyboard with numeric keypad     Pointing device   HP Imagepad with multi-touch gesture support; Precision Touchpad Support     Input devices   Accelerometer     Webcam   HP Wide Vision 720p HD camera with integrated dual array digital microphones     1   SuperSpeed USB Type-C® 10Gbps signaling rate (DisplayPort** 1.4, HP Sleep and Charge); 1 SuperSpeed USB     Ports   Type-A 5Gbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 2.0; 1     RJ-45; 1 AC smart pin; 1 headphone/microphone combo <sup>[19]</sup> Expansion slots     1   muti-format SD media card reader     Package weight   3.37 kg     Network interface   Integrated 10/100/1000 GbE LAN     Wireless   Realtek Wi-Fi 6 (1x2) and B	Display	39.6 cm (15.6") diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC
Display size (diagonal)   15.6°     Audio   Audio by B&O Dual speakers; HP Audio Boost     Minimum dimensions (W × D × H)   36 × 25.6 × 2.34 cm (Dimensions vary by configuration)     Minimum dimensions (W × D × H)   14.17 × 10.08 × 0.92 in     Weight   Starting at 2.23 kg (Weight varies by configuration)     Weight   4.92 lb     Keyboard   Full-size, acid green backlit, shadow black keyboard with numeric keypad     Pointing device   HP Imagepad with multi-touch gesture support; Precision Touchpad Support     Input devices   Accelerometer     Webcam   HP Wide Vision 720p HD camera with integrated dual array digital microphones     Type-A 5Gbps signaling rate (Disphaport™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A 5Gbps signaling rate (Disphaport™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB     Ports   Type-A 5Gbps signaling rate (Disphaport™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB     Expansion slots   1 multi-format SD media card reader     Package dimensions (W x D x H)   6.9 x 55.2 x 30.5 cm     Package weight   3.37 kg     Network interface   Integrated 10/100/1000 GbE LAN     Wireless   Realtek Wi-Fi 6 (1x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)     Power supply type   200 W Smart AC power adapter     <	Display	15.6" diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC
Audio   Audio by B&O Dual speakers; HP Audio Boost     Minimum dimensions (W x D x H)   36 x 25.6 x 2.34 cm (Dimensions vary by configuration)     Minimum dimensions (W x D x H)   14.17 x 10.08 x 0.92 in     Weight   Starting at 2.23 kg (Weight varies by configuration)     Weight   4.92 lb     Keyboard   Full-size, acid green backlit, shadow black keyboard with numeric keypad     Pointing device   HP Imagepad with multi-touch gesture support; Precision Touchpad Support     Input devices   Accelerometer     Webcam   HP Wide Vision 720p HD camera with integrated dual array digital microphones     Type-A 5Gbps signaling rate (IP Sleep and Charge); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 2.0; 1 RI-45; 1 AC smart pin; 1 headphone/microphone combo <sup>[19]</sup> Expansion slots   1 multi-format SD media card reader     Package dimensions (W x D x H)   6.9 x 55.2 x 30.5 cm     Package weight   3.37 kg     Weitess   Realtek Wi-Fi 6 (1x2) and Bluetooth® 5.2 combo (Supporting Gigabit datarate)     Power supply type   200 W Smart AC power adapter     Battery type   3-cell, 52.5 Wh Li-ion polymer     Battery type   3-cell, 52.5 Wh Li-ion polymer     Battery type   3-cell, 52.5 Wh Li-ion polymer     Battery type   3-cell, 52	Display size (diagonal)	39.6 cm (15.6")
Minimum dimensions (W x D x H)   36 x 25.6 x 2.34 cm (Dimensions vary by configuration)     Minimum dimensions (W x D x H)   14.17 x 10.08 x 0.92 in     Weight   Starting at 2.23 kg (Weight varies by configuration)     Weight   4.92 lb     Keyboard   Full-size, acid green backlit, shadow black keyboard with numeric keypad     Pointing device   HP Imagepad with multi-touch gesture support; Precision Touchpad Support     Input devices   Accelerometer     Webcam   HP Wide Vision 720 p HD camera with integrated dual array digital microphones     1 SuperSpeed USB Type-C® 106bps signaling rate (DisplayPort™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB     Ports   Type-A 56bps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-A 56bps signaling rate; 1 HDMI 2.0; 1     RJ-45; 1 AC smart pin; 1 headphone/microphone combo <sup>[19]</sup> Expansion slots     Porkage dimensions (W x D x H)   6.9 x 55.2 x 30.5 cm     Package weight   3.37 kg     Network interface   Intugrated 10/100/1000 GbE LAN     Wireless   Reattek Wi-Fi 6 (1x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)     Power supply type   300 W Smart AC power adapter     Battery life   Up to 5 hours and 15 minutes <sup>[3]</sup> Battery usight   0.46 lb	Display size (diagonal)	15.6"
Minimum dimensions (W X D X H)   (Dimensions vary by configuration)     Minimum dimensions (W X D X H)   14.17 x 10.08 x 0.92 in     Weight   Starting at 2.23 kg (Weight varies by configuration)     Weight   4.92 lb     Keyboard   Full-size, acid green backlit, shadow black keyboard with numeric keypad     Pointing device   HP Imagepad with multi-touch gesture support; Precision Touchpad Support     Input devices   Accelerometer     Webcam   HP Wide Vision 720p HD camera with integrated dual array digital microphones     1   SuperSpeed USB Type-C® 106bps signaling rate (DisplayPort™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB     Ports   1 SuperSpeed USB Type-C® 106bps signaling rate (DisplayPort™ 1.4, HP Sleep and Charge); 2 SuperSpeed USB Type-A 56bps signaling rate; 1 HDMI 2.0; 1     RJ-45; 1 AC smart pin; 1 headphone/microphone combo <sup>[19]</sup> Expansion slots     Package dimensions (W x D x H)   6.9 x 55.2 x 30.5 cm     Package weight   3.37 kg     Network interface   Integrated 10/100/1000 GbE LAN     Wireless   Realtek Wi-Fi 6 (1x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)     Power supply type   200 W Smart AC power adapter     Battery upe   3-cell, 52.5 Wh Li-ion polymer     Battery upe   Supports battery fast charge: approximatel	Audio	Audio by B&O Dual speakers; HP Audio Boost
Minimum dimensions (W x D x H)   14.17 x 10.08 x 0.92 in     Weight   Starting at 2.23 kg (Weight varies by configuration)     Weight   4.92 lb     Keyboard   Full-size, acid green backlit, shadow black keyboard with numeric keypad     Pointing device   HP Imagepad with multi-touch gesture support; Precision Touchpad Support     Input devices   Accelerometer     Webcam   HP Wide Vision 720p HD camera with integrated dual array digital microphones     Type-A SGbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-A SGbps signaling rate; 1 HDMI 2.0; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo <sup>[19]</sup> Expansion slots   1 multi-format SD media card reader     Package dimensions (W x D x H)   6.9 x 55.2 x 30.5 cm     Package weight   3.37 kg     Network interface   Integrated 10/100/1000 GbE LAN     Wireless   Realtek Wi-Fi 6 (1x2) and Bluetooth* 5.2 combo (Supporting Gigabit data rate)     Power supply type   30 - cell, 52.5 Wh Li-ion polymer     Battery life   Up to 5 hours and 15 minutes <sup>[3]</sup> Battery weight   0.46 lb	Minimum dimensions (W x D x H)	
Weight   (Weight varies by configuration)     Weight   4.92 lb     Keyboard   Full-size, acid green backlit, shadow black keyboard with numeric keypad     Pointing device   HP Imagepad with multi-touch gesture support; Precision Touchpad Support     Input devices   Accelerometer     Webcam   HP Wide Vision 720p HD camera with integrated dual array digital microphones     Type-A 5Gbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 2.0; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo <sup>[19]</sup> Expansion slots   1 multi-format SD media card reader     Package dimensions (W x D x H)   6.9 x 55.2 x 30.5 cm     Package weight   3.37 kg     Network interface   Integrated 10/100/1000 GBE LAN     Wireless   Realtek Wi-Fi 6 (1x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)     Power supply type   200 W Smart AC power adapter     Battery Upe   3-cell, 52.5 Wh Li-ion polymer     Battery upe   Supports battery fast charge: approximately 50% in 45 minutes <sup>[5]</sup> Battery weight   0.46 lb	Minimum dimensions (W x D x H)	14.17 x 10.08 x 0.92 in
KeyboardFull-size, acid green backlit, shadow black keyboard with numeric keypadPointing deviceHP Imagepad with multi-touch gesture support; Precision Touchpad SupportInput devicesAccelerometerWebcamHP Wide Vision 720p HD camera with integrated dual array digital microphonesPorts1 SuperSpeed USB Type-C® 10Gbps signaling rate (DisplayPort™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 2.0; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo <sup>[19]</sup> Expansion slots1 multi-format SD media card readerPackage dimensions (W x D x H)6.9 x 55.2 x 30.5 cmPackage weight3.37 kgNetwork interfaceIntegrated 10/100/1000 GbE LANWirelessRealtek Wi-Fi 6 (1x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)Power supply type200 W Smart AC power adapterBattery tifeUp to 5 hours and 15 minutes <sup>[3]</sup> Battery usifeUp to 5 hours and 15 minutes <sup>[3]</sup> Battery weight0.46 lb	Weight	
Pointing device   HP Imagepad with multi-touch gesture support; Precision Touchpad Support     Input devices   Accelerometer     Webcam   HP Wide Vision 720p HD camera with integrated dual array digital microphones     1 SuperSpeed USB Type-C® 10Gbps signaling rate (DisplayPort™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB     Ports   Type-A 5Gbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 2.0; 1     RJ-45; 1 AC smart pin; 1 headphone/microphone combo <sup>[19]</sup> Expansion slots     Package dimensions (W x D x H)   6.9 x 55.2 x 30.5 cm     Package weight   3.37 kg     Network interface   Integrated 10/100/1000 GbE LAN     Wireless   Realtek Wi-Fi 6 (1x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)     Power supply type   200 W Smart AC power adapter     Battery type   3-cell, 52.5 Wh Li-ion polymer     Battery life   Up to 5 hours and 15 minutes <sup>[3]</sup> Battery weight   0.46 lb	Weight	4.92 lb
Input devicesAccelerometerWebcamHP Wide Vision 720p HD camera with integrated dual array digital microphones1 SuperSpeed USB Type-C® 10Gbps signaling rate (DisplayPort <sup>™</sup> 1.4, HP Sleep and Charge); 1 SuperSpeed USBPortsType-A 5Gbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 2.0; 1RJ-45; 1 AC smart pin; 1 headphone/microphone combo <sup>[19]</sup> Expansion slots1 multi-format SD media card readerPackage dimensions (W x D x H)6.9 x 55.2 x 30.5 cmPackage weight3.37 kgNetwork InterfaceIntegrated 10/100/1000 GbE LANWirelessRealtek Wi-Fi 6 (1x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)Power supply type200 W Smart AC power adapterBattery type3-cell, 52.5 Wh Li-ion polymerBattery uffeUp to 5 hours and 15 minutes <sup>[3]</sup> Battery weight0.46 lb	Keyboard	Full-size, acid green backlit, shadow black keyboard with numeric keypad
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Package weight3.37 kgNetwork interfaceIntegrated 10/100/1000 GbE LANWirelessRealtek Wi-Fi 6 (1x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)Power supply type200 W Smart AC power adapterBattery type3-cell, 52.5 Wh Li-ion polymerBattery lifeUp to 5 hours and 15 minutes <sup>[3]</sup> Battery recharge timeSupports battery fast charge: approximately 50% in 45 minutes <sup>[5]</sup> Battery weight0.46 lb	Expansion slots	1 multi-format SD media card reader
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Battery recharge time Supports battery fast charge: approximately 50% in 45 minutes <sup>[5]</sup> Battery weight 0.46 lb	Battery type	3-cell, 52.5 Wh Li-ion polymer
Battery weight 0.46 lb	Battery life	Up to 5 hours and 15 minutes <sup>[3]</sup>
	Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes <sup>[5]</sup>
Battery weight 210 g	Battery weight	0.46 lb
	Battery weight	210 g

# Top Recommended Displays, Accessories and Services

HP Home Monitors	
HP X24ih Gaming Monitor	13L82AA
HP X24ih Gaming Monitor	2W924AA
HP X24ih Gaming Monitor	2W925AA
HP X27q QHD Gaming Monitor	2V7U3AA
HP Value Displays	
HP X24c Gaming Monitor	13Q95AA
HP X24c Gaming Monitor	9EK40AA
HP X24c Gaming Monitor	9FM22AA
Docking Stations	
HP USB-C Travel Hub G2	235N8AA
Backpacks	
HP Pavilion Gaming Backpack 500	6EU58AA
HP Pavilion Gaming Backpack 300	6EU56AA
Keyboards	
HP Pavilion Gaming Keyboard 800	5JS06AA
HP Pavilion Gaming Keyboard 550	9LY71AA
Mice	
HP Pavilion Gaming Mouse 300	4PH30AA
HP Pavilion Gaming Mouse Pad 400	5JH72AA
HP Pavilion Gaming Mouse 200	5JS07AA
HP Pavilion Gaming Mouse Pad 300	4PZ84AA
Power Adapters	
HP Pavilion High Power Adapter 150W	2DR33AA
Headsets	
HP X1000 Wireless Gaming Headset	7HC43AA
HP Pavilion Gaming Headset 400	4BX31AA

#### **Messaging Footnotes**

[1] 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.

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[3] 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.

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

[5] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

#### **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.

[19] For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.

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