## ProductSheet HP Pavilion Gaming Laptop 15-dk1514TX (4S122PA)



## For multiplayers and multitaskers

Sacrifice nothing with the thin and powerful HP Pavilion Gaming Laptop. 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 an Intel® Core™ processor[1] and NVIDIA® GeForce graphics. 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 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

#### **Enhanced thermal solution**

The latest in heat management brings you an enhanced heat-pipe design, stabilizing your work and play in a cooling environment.

### 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.

#### Sleek design

Easily take this thin and light PC from room to room or on the road. When your PC goes wherever you go, staying productive and entertained has never been easier.

#### A truly powerful audio experience

With HP Dual Speakers, HP Audio Boost, and custom tuning by the experts at B&O, you can experience rich, authentic audio. Let the sound move you.

#### **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>[15]</sup>





# Specifications

Product Color       Shadow black, purple chrome logo         Processor family       10th Generation Intel® Core® is processor         Processor       Intel® Core® is 10300H (2: 5 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores (4-7)         Chipset       Intel® Core® is 10300H (2: 5 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores (4-7)         Memory       8 GB DDR4-2933 MHz RAM (1 x 8 GB)         Internal Storage       256 GB PCIe* NVMe® M.2 SSD         Hard drive (2nd)       1 TB 7200 rpm SATA HDD         Optical drive       Optical drive not included         Graphics       Discrete         Graphics (discrete)       NVIDIA® GeForce® GTX 1650 TI (4 GB GDDR6 dedicated)         Display       39.6 cm (15.6° Idiagonal, FHD (1320 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC         Display size (diagonal)       15.6°         Audio       Audio by B80; Dual speakers; HP Audio Boost 1.0         Minimum dimensions (W x D x H)       36 x 25.6 x 2.3 4 cm         (Dimensions vary by configuration)       Keyboard         Weight       Starting at 2.23 kg         (Wreight variee by configuration)       Keyboard         Full-size, aphost white backlit keyboard with numeric keypad         Pointing device       HP Imagepad with multi-louch gesture support; Precision Touch	Operating system	Windows 10 Home 64	
Processor family         10th Generation Intel® Core® 15 processor           Processor         Intel® Core® 15-10300H (2.5 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores/63-1           Chipset         Intel® HM470           Memory         8 GB DDR4-2933 MHz RAM (1 x 8 GB)           Internal Storage         256 GB PCIe® NVMe™ M.2 SSD           Hard drive (2nd)         1 TB 7200 rpm SATA HDD           Optical drive         0 ptical drive not included           Graphics         Discrete           Graphics (discrete)         NVIDIA® GeForce® GTX 1650 TI (4 GB GDDR6 dedicated)           Display         15.6° diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-gtare, 250 nits, 45% NTSC           Display size (diagonal)         15.6° diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-gtare, 250 nits, 45% NTSC           Display size (diagonal)         15.6° diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-gtare, 250 nits, 45% NTSC           Display size (diagonal)         36 x 25.6 x 2.34 cm (Dimersions vary by configuration)           Weight         Starting at 2.28 kg (Weight varies by configuration)           Keyboard         Full-size, ghost white backIt keyboard with numeric keypad           Pointing device         HP Imagepad with multi-touch gesture support; Precision Touchpad Support® 1.4 HP Sleep and Charge); 1 SuperSpeed USB Type-4 SoBps signaling rate (HS Sleep Melvery DisplayPort************			
Processor         Intel® Cores™ 15-10300H (2.5 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache. 4 cores;(6.7)           Chipset         Intel® HM470           Memory         8 GB DDR4-2933 MHz RAM (1 x 8 GB)           Intermal Storage         256 GB C(L® NUME® ML 2 S SD           Hard drive (2nd)         1 TB 7200 rpm SATA HDD           Optical drive         Optical drive not included           Graphics         Discrete           Bisplay         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 88.0; Dual speakers; HP Audio Boost 1.0           Minimum dimensions (W x D x H)         36 x 25.5 x 2.34 cm (Dimensions vary by configuration)           Weight         Configuration)           Weight         Full-size, ghost white backtit keyboard with numeric keypad           Pointing device         HP Imagepad with multi-touch gesture support; Precision Touchpad Support           Webcam         HP Wide Vision HD camera with integrated dual array digital microphone           1 SuperSpeed USB Type < 3 Colbps signaling rack HP Sleep and Charge; 1 SuperSpeed USB Type < A SOBps signaling rack HP Sleep and Charge; 2 SuperSpeed USB Type < A SOBps signaling rack HP Sleep and Charge; 2 SuperSpeed USB Type < A SOBps signaling rack (USB Type < A SOBps signaling rack (USB Type < A SOBps signaling rack HP Sleep and Charge; 2 Sup	Processor family		
Memory       B GB DDR4-2933 MHz RAM (1 x B GB)         Internal Storage       256 GB PCle® NVMe™ M.2 SSD         Hard drive (2nd)       1 TB 7200 rpm SATA HDD         Optical drive       Optical drive optical drive not included         Graphics       Discrete         Graphics (discrete)       NUDIA* GeForce® GTX 1650 Ti (4 GB GDDR6 dedicated)         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 B80; Dual speakers; HP Audio Boost 1.0         Minimum dimensions (W x D x H)       36 x 25.6 x 2.34 cm (Dimensions vary by configuration)         Weight       Starting at 2.23 kg (Weight variaes by configuration)         Weight       Starting at 2.23 kg (Weight variaes by configuration)         SuperSpeed USB Type-C* 10Gbps signaling rate (USP Dower Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1         Ports       SuperSpeed USB Type-C* 10Gbps signaling rate (USP Sleep and Charge); 2 SuperSpeed USB Type-A SGbps signaling rate; 11 HOW 1.20; 1 R-1.45; 1 AC smart pin; 1 headphone/microphone combo <sup>11</sup> 91         Package dimensions (W x D x H)       6.9 x 55.2 x 30.5 cm         Package dimensions (W x D x H)       6.9 x 55.2 x 30.5 cm         Package dimensions (W x D x H)       6.9 x 55.2 x 30.5 cm         Package weight       3.3 r kg			
Internal Storage256 GB PCIe® NVM®™ M.2 SSDHard drive (Znd)1 TB 7200 rpm SATA HDDOptical drive optical drive not includedGraphicsDiscreteGraphics (discrete)NVDIAM © Georce® GTX 1650 Ti (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 isze (diagonal)15.6°AudioAudio by 880; Dual speakers; HP Audio Boost 1.0Minimum dimensions (W x D x H)36 x 25.6 x 2.3 4 cm (Dimensions vary by configuration)WeightStarting at 2.3 18 (Weight varies by configuration)KeyboardFull-size, ghost white backlit keyboard with numeric keypadPointing deviceHP Imagepad with multi-touch gesture support; Precision Touchpad SupportWebcamHP Wide Vision HD camera with integrated dual array digital microphone1 SuperSpeed USB Type-C* 10Gbps signaling rate (USB Power Deliver; DisplayPort** 1.4, HP Sleep and Charge); 1PortsSuperSpeed USB Type-C* 10Gbps signaling rate (USB Power Deliver; DisplayPort** 1.4, HP Sleep and Charge); 1Package weight3.37 kgNetwork interfaceIntel* Wi-Fi 6 AX201 (2x2) and Bluetooth* 5 combo (Supporting Gigabit data rate)Power supply type15:00 V Smart AC power adapterBattery UfeUp to 5 hours and 15 minutes <sup>[31</sup> ]Battery UffeUp to 5 hours and 15 minutes <sup>[31</sup> ]Battery UffeUp to 5 hours and 15 minutes <sup>[31</sup> ]Battery UffeUp to 5 hours and 15 minutes <sup>[31</sup> ] </th <th>Chipset</th> <th>Intel® HM470</th>	Chipset	Intel® HM470	
Hard drive (2nd)       1 TB 7200 rpm SATA HDD         Optical drive       Optical drive not included         Graphics       Discrete         Graphics (discrete)       NVIDIA® GeForce® GTX 1650 Ti (4 GB GDDR6 dedicated)         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 1.0         Minimum dimensions (W x D XH)       36 x 25.6 x 2.34 cm (Dimersions vary by configuration)         Weight       Starting at 2.23 kg (Weight varies by configuration)         Keyboard       Full-size, ghost white backlit keyboard with numeric keypad         Pointing device       HP Imagepad with multi-fouch gesture support; Precision Touchpad Support         Webcam       HP Vide Vision HD camera with integrated dual array digital microphone         1       SuperSpeed USB Type-C® 106bps signaling rate (USP New Delivery, DisplayPort® 1.4, HP Sleep and Charge); 1         SuperSpeed USB Type-C® 106bps signaling rate (USP New Delivery, DisplayPort® 1.4, HP Sleep and Charge); 1         Ports       SuperSpeed USB Type-C® 106bps signaling rate (USP New Delivery, DisplayPort® 1.4, HP Sleep and Charge); 1         Package dimensions (W x D x H)       6.9 x 55.2 x 30.5 cm         Package dimensions (W x D x H)       6.9 x 55.2 x 30.5 cm         Package dimensions (W	Memory	8 GB DDR4-2933 MHz RAM (1 x 8 GB)	
Optical driveOptical drive not includedGraphicsDiscreteGraphics (discrete)NVIDIA* GeForce* GTX 1650 Ti (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)15.6°AudioAudio by B80; Dual speakers; HP Audio Boost 1.0Minimum dimensions (W x D x H)36 x 25.6 x 2.34 cm (Dimensions vary by configuration)WeightStarting at 2.23 kg (Weight varies by configuration)KeyboardFul-size, ghost white backlit keyboard with numeric keybadPointing deviceHP Imagepad with multi-touch gesture support; Precision Touchpad SupportWebcamHP Wide Vision HD camera with integrated dual array digital microphone1 SuperSpeed USB Type-C* 10Gbps signaling rate (UPS Brewer Delivery, DisplayPort**1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A SGbps signaling rate (UPS Brewer Delivery, DisplayPort**1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A SGbps signaling rate (UPS Brewer Delivery, DisplayPort**1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A SGbps signaling rate (UPS Brewer Delivery, DisplayPort***1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A SGbps signaling rate (UPS Dever Delivery, DisplayBort)***1.4, HP Sleep and Charge); 2 Super Signaling rate (UPS Dever Delivery, DisplayBort)****1.4, HP Sleep and Charge); 1 Super Speed USB Type-A SGbps signaling rate (UPS Dever Delivery, DisplayBort)*****1.4, HP Sleep and Charge); 1 Super Speed USB Type-A SGbps signaling rate (UPS Dever Delivery, DisplayBort)************************************	Internal Storage	256 GB PCIe <sup>®</sup> NVMe™ M.2 SSD	
Graphics         Discrete           Graphics (discrete)         NVIDIA® GeForce® GTX 1650 Ti (4 GB GDDR6 dedicated)           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)         15.6°           Audio         Audio by B80; Dual speakers; HP Audio Boost 1.0           Minimum dimensions (W x D x H)         36 x 25.6 x 2.34 cm (Dimensions vary by configuration)           Weight         Starting at 2.23 kg           Weight         (Weight varies by configuration)           Keyboard         Full-size, ghost white backlit keyboard with numeric keybad           Pointing device         HP Imagepad with multi-touch gesture support; Precision Touchpad Support           Webcam         HP Wide Vision HD camera with integrated dual array digital microphone           1         SuperSpeed USB Type-C* 106bps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1           Ports         SuperSpeed USB Type-C* 106bps signaling rate (UH Sleep and Charge); 2 SuperSpeed USB Type-A SGbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-A SGbps signaling rate; 1H DM12.0; 1 RU-45; 1 A C 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	Hard drive (2nd)	1 TB 7200 rpm SATA HDD	
Graphics (discrete)       NVIDIA® GeForce® GTX 1650 Ti (4 GB GDDR6 dedicated)         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° diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC         Display size (diagonal)       15.6°         Audio       Audio by B80; Dual speakers; HP Audio Boost 1.0         Minimum dimensions (W x D x H)       36 x 25.6 x 2.34 cm (Dimensions vary by configuration)         Keyboard       Full-size, ghost white backlit keyboard with numeric keypad         Pointing device       HP Imagepad with multi-touch gesture support; Precision Touchpad Support         Webcam       HP Wide Vision HD camera with integrated dual array digital microphone         1 SuperSpeed USB Type-C* 1060ps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1         Ports       SuperSpeed USB Type-C* 1060ps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 2         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       Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)         Power supply type       150 W Smart AC power adapter         Battery type       3-cell, 52.5 W Li-ion polymer </th <th>Optical drive</th> <th>Optical drive not included</th>	Optical drive	Optical drive not included	
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)       15.6"         Audio       Audio by B80; Dual speakers; HP Audio Boost 1.0         Minimum dimensions (W x D x H)       36 x 25.6 x 2.34 cm (Dimensions vary by configuration)         Weight       Starting at 2.23 kg         (Weight varies by configuration)         Keyboard       Full-size, ghost white backlit keyboard with numeric keypad         Pointing device       HP Imagepad with multi-touch gesture support; Precision Touchpad Support         Webcam       HP Wide Vision HD camera with integrated dual array digital microphone         1       SuperSpeed USB Type-C* 10Gbps signaling rate (US Beep and Charge); 2 SuperSpeed US BType-A 5Gbps signaling rate (US Beep and Charge); 2 SuperSpeed US BType-A 5Gbps signaling rate (US Beep and Charge); 2 SuperSpeed US BType-A 5Gbps signaling rate (US Beep and Charge); 2 SuperSpeed US BType-A 5Gbps signaling rate (US Beep and Charge); 2 SuperSpeed US BType-A 5Gbps signaling rate (US Beep and Charge); 2 SuperSpeed US BType-C* 10Gbps signaling rate (US Beep and Charge); 2 SuperSpeed US BType-A 5Gbps signaling rate (US Beep and Charge); 2 SuperSpeed US BType-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 Dx H)       6.9 x 55.2 x	Graphics	Discrete	
Display       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 B80; Dual speakers; HP Audio Boost 1.0         Minimum dimensions (W x D x H)       36 x 25.6 x 2.34 cm (Dimensions vary by configuration)         Weight       Starting at 2.23 kg (Weight varies by configuration)         Keyboard       Full-size, ghost white backlit keyboard with numeric keypad         Pointing device       HP Imagepad with multi-touch gesture support; Precision Touchpad Support         Webcam       HP Wide Vision HD camera with integrated dual array digital microphone         1 SuperSpeed USB Type-C* 10Gbps signaling rate (USB Power Delivery, DisplayPort <sup>™</sup> 1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-C* 10Gbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDHI 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 weight       3.37 kg         Network interface       Integrated 10/100/1000 GbE LAN         Wireless       Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)         Power supply type       15.0 W Smart AC power adapter         Battery weight       210 g         Ecclabels       EPEAT® registered         Energy star certified       ENERGY STAR® certified <th>Graphics (discrete)</th> <th>NVIDIA® GeForce® GTX 1650 Ti (4 GB GDDR6 dedicated)</th>	Graphics (discrete)	NVIDIA® GeForce® GTX 1650 Ti (4 GB GDDR6 dedicated)	
Display size (diagonal)       15.6°         Audio       Audio by B&O Dual speakers; HP Audio Boost 1.0         Minimum dimensions (W x D x H)       36 x 25.6 x 2.34 cm (Dimensions vary by configuration)         Weight       Starting at 2.23 kg (Weight varies by configuration)         Keyboard       Full-size, ghost white backlit keyboard with numeric keypad         Pointing device       HP Imagepad with multi-touch gesture support; Precision Touchpad Support         Webcam       HP Wide Vision HD camera with integrated dual array digital microphone         1       SuperSpeed USB Type-4 SGbbps signaling rate (USB Power Delivery, DisplayPort <sup>™</sup> 1.4, HP Sleep and Charge); 1         Ports       SuperSpeed USB Type-4 SGbbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-4 SGbbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-4 SGbbps 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 weight       3.37 kg         Network interface       Integrated 10/100/1000 GbE LAN         Wireless       Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)         Power supply type       150 W Smart AC power adapter         Battery type       3-cell, 52.5 Wh Li-ion polymer         Battery weight       210 g         Ecolabels       EPEAT® registered	Display	39.6 cm (15.6") diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC	
Audio       Audio by B&0; Dual speakers; HP Audio Boost 1.0         Minimum dimensions (W x D x H)       36 x 25.6 x 2.34 cm (Dimensions vary by configuration)         Weight       Starting at 2.23 kg (Weight varies by configuration)         Keyboard       Full-size, ghost white backlit keyboard with numeric keypad         Pointing device       HP Imagepad with multi-touch gesture support; Precision Touchpad Support         Webcam       HP Wide Vision HD camera with integrated dual array digital microphone         Ports       SuperSpeed USB Type-C® 106bps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1         SuperSpeed USB Type-C® 106bps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 2         Ports       SuperSpeed USB Type-C® 106bps signaling rate (UPS leep and Charge); 2         Reckage 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       Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)         Power supply type       3-cell, 52.5 W Li-ion polymer         Battery Ufe       Up to 5 hours and 15 minutes <sup>[3]</sup> Battery weight       210 g         Ecolabels       EPEAT® registered         Energy star certified       ENERGY STAR® certified         Software inc	Display	15.6" diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC	
Minimum dimensions (W × D × H)       36 × 25.6 × 2.34 cm (Dimensions vary by configuration)         Weight       Starting at 2.23 kg (Weight varies by configuration)         Keyboard       Full-size, ghost white backlit keyboard with numeric keypad         Pointing device       HP Imagepad with multi-touch gesture support; Precision Touchpad Support         Webcam       HP Wide Vision HD camera with integrated dual array digital microphone         1       SuperSpeed USB Type-C* 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1         SuperSpeed USB Type-C* 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1         SuperSpeed USB Type-C* 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1         SuperSpeed USB Type-C* 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1         SuperSpeed USB Type-C* 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1         SuperSpeed USB Type-C* 10Gbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1HDMI 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 weight       3.37 kg         Network Interface       Integrated 10/100/1000 GbE LAN         Wireless       Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit datarate) <td< th=""><th>Display size (diagonal)</th><th>15.6"</th></td<>	Display size (diagonal)	15.6"	
Minimum amerisions (W X D X H)       (Dimensions vary by configuration)         Weight       Starting at 2.23 kg (Weight varies by configuration)         Keyboard       Full-size, ghost white backlit keyboard with numeric keypad         Pointing device       HP Imagepad with multi-touch gesture support; Precision Touchpad Support         Webcam       HP Wide Vision HD camera with integrated dual array digital microphone         1       SuperSpeed USB Type-C* 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1         Ports       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 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       Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)         Power supply type       150 W Smart AC power adapter         Battery upe       3-cell, 52.5 Wh Li-ion polymer         Battery upe       3-cell, 52.5 Wh Li-ion polymer         Battery upe       10 g         Ecolabels       EPEAT® registered         Energy star certified       ENERGY STAR® certified	Audio	Audio by B&O Dual speakers; HP Audio Boost 1.0	
Weight         (Weight varies by configuration)           Keyboard         Full-size, ghost white backlit keyboard with numeric keypad           Pointing device         HP Imagepad with multi-touch gesture support; Precision Touchpad Support           Webcam         HP Wide Vision HD camera with integrated dual array digital microphone           1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1           Ports         SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1           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         Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)           Power supply type         3-cell, 52.5 Wh Li-ion polymer           Battery type         3-cell, 52.5 Wh Li-ion polymer           Battery upe         210 g           Ecolabels         EPEAT® registered           Energy star certified         ENERGY STAR® certified           ENERGY STAR® Certified         ENERGY STAR® certified           Cloud service         25 6B Dropbox storage for 12 months <sup>[11</sup> ]	Minimum dimensions (W x D x H)		
Pointing deviceHP Imagepad with multi-touch gesture support; Precision Touchpad SupportWebcamHP Wide Vision HD camera with integrated dual array digital microphoneT SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, 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 LANWirelessIntel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)Power supply type150 W Smart AC power adapterBattery type3-cell, 52.5 Wh Li-ion polymerBattery lifeUp to 5 hours and 15 minutes <sup>[3]</sup> Battery weight210 gEcolabelsEPEAT® registeredEnergy star certifiedENERGY STAR® certifiedSoftware includedMcAfee LiveSafe™Cloud service25 GB Dropbox storage for 12 months <sup>[1]</sup>	Weight		
WebcamHP Wide Vision HD camera with integrated dual array digital microphone1 SuperSpeed USB Type-C <sup>®</sup> 10Gbps signaling rate (USB Power Delivery, 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 LANWirelessIntel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)Power supply type150 W Smart AC power adapterBattery type3-cell, 52.5 Wh Li-ion polymerBattery weight210 gEcolabelsEPEAT® registeredEnergy star certifiedENERGY STAR® certifiedSoftware includedMcAfee LiveSafe™Cloud service25 GB Dropbox storage for 12 months <sup>[1]</sup>	Keyboard	Full-size, ghost white backlit keyboard with numeric keypad	
Ports1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, 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 LANWirelessIntel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)Power supply type150 W Smart AC power adapterBattery type3-cell, 52.5 Wh Li-ion polymerBattery ueight210 gEcolabelsEPEAT® registeredEnergy star certifiedENERGY STAR® certifiedSoftware includedMcAfee LiveSafe™Cloud service25 GB Dropbox storage for 12 months <sup>[1]</sup>	Pointing device	HP Imagepad with multi-touch gesture support; Precision Touchpad Support	
PortsSuperSpeed 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 LANWirelessIntel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)Power supply type150 W Smart AC power adapterBattery type3-cell, 52.5 Wh Li-ion polymerBattery weight210 gEcolabelsEPEAT® registeredEnergy star certifiedENERGY STAR® certifiedSoftware includedMcAree LiveSafe™Cloud service25 GB Dropbox storage for 12 months <sup>[1]</sup>	Webcam	HP Wide Vision HD camera with integrated dual array digital microphone	
Package dimensions (W x D x H)6.9 x 55.2 x 30.5 cmPackage weight3.37 kgNetwork interfaceIntegrated 10/100/1000 GbE LANWirelessIntel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)Power supply type150 W Smart AC power adapterBattery type3-cell, 52.5 Wh Li-ion polymerBattery lifeUp to 5 hours and 15 minutes <sup>[3]</sup> Battery weight210 gEcolabelsEPEAT® registeredEnergy star certifiedENERGY STAR® certifiedSoftware includedMcAfee LiveSafe™Cloud service25 GB Dropbox storage for 12 months <sup>[1]</sup>	Ports	SuperSpeed USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-A 5Gbps signaling	
Package weight3.37 kgNetwork interfaceIntegrated 10/100/1000 GbE LANWirelessIntel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)Power supply type150 W Smart AC power adapterBattery type3-cell, 52.5 Wh Li-ion polymerBattery lifeUp to 5 hours and 15 minutes <sup>[3]</sup> Battery weight210 gEcolabelsEPEAT® registeredEnergy star certifiedENERGY STAR® certifiedSoftware includedMcAfee LiveSafe™Cloud service25 GB Dropbox storage for 12 months <sup>[1]</sup>	Expansion slots	1 multi-format SD media card reader	
Network interfaceIntegrated 10/100/1000 GbE LANWirelessIntel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)Power supply type150 W Smart AC power adapterBattery type3-cell, 52.5 Wh Li-ion polymerBattery lifeUp to 5 hours and 15 minutes <sup>[3]</sup> Battery weight210 gEcolabelsEPEAT® registeredEnergy star certifiedENERGY STAR® certifiedSoftware includedMcAfee LiveSafe™Cloud service25 GB Dropbox storage for 12 months <sup>[1]</sup>	Package dimensions (W x D x H)	6.9 x 55.2 x 30.5 cm	
Wireless       Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)         Power supply type       150 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       210 g         Ecolabels       EPEAT® registered         Energy star certified       ENERGY STAR® certified         Software included       McAfee LiveSafe™         Cloud service       25 GB Dropbox storage for 12 months <sup>[1]</sup>	Package weight	3.37 kg	
Power supply type       150 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       210 g         Ecolabels       EPEAT® registered         Energy star certified       ENERGY STAR® certified         Software included       McAfee LiveSafe™         Cloud service       25 GB Dropbox storage for 12 months <sup>[1]</sup>	Network interface	Integrated 10/100/1000 GbE LAN	
Battery type3-cell, 52.5 Wh Li-ion polymerBattery lifeUp to 5 hours and 15 minutes <sup>[3]</sup> Battery weight210 gEcolabelsEPEAT® registeredEnergy star certifiedENERGY STAR® certifiedSoftware includedMcAfee LiveSafe™Cloud service25 GB Dropbox storage for 12 months <sup>[1]</sup>	Wireless	Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)	
Battery life       Up to 5 hours and 15 minutes <sup>[3]</sup> Battery weight       210 g         Ecolabels       EPEAT® registered         Energy star certified       ENERGY STAR® certified         Software included       McAfee LiveSafe™         Cloud service       25 GB Dropbox storage for 12 months <sup>[1]</sup>	Power supply type	150 W Smart AC power adapter	
Battery weight     210 g       Ecolabels     EPEAT® registered       Energy star certified     ENERGY STAR® certified       Software included     McAfee LiveSafe™       Cloud service     25 GB Dropbox storage for 12 months <sup>[1]</sup>	Battery type	3-cell, 52.5 Wh Li-ion polymer	
Ecolabels       EPEAT® registered         Energy star certified       ENERGY STAR® certified         Software included       McAfee LiveSafe™         Cloud service       25 GB Dropbox storage for 12 months <sup>[1]</sup>	Battery life	Up to 5 hours and 15 minutes <sup>[3]</sup>	
Energy star certified       ENERGY STAR® certified         Software included       McAfee LiveSafe™         Cloud service       25 GB Dropbox storage for 12 months <sup>[1]</sup>	Battery weight	210 g	
Software includedMcAfee LiveSafe™Cloud service25 GB Dropbox storage for 12 months <sup>[1]</sup>	Ecolabels	EPEAT <sup>®</sup> registered	
Cloud service 25 GB Dropbox storage for 12 months <sup>[1]</sup>	Energy star certified	ENERGY STAR <sup>®</sup> certified	
	Software included	McAfee LiveSafe™	
Manufacturer Warranty     1 year limited parts and labour	Cloud service	25 GB Dropbox storage for 12 months <sup>[1]</sup>	
	Manufacturer Warranty	1 year limited parts and labour	

# Top Recommended Displays, Accessories and Services

HP Home Monitors	
HP X24ih Gaming Monitor	13L82AA
HP X27q QHD Gaming Monitor	2V7U4AA
HP Value Displays	
HP X24c Gaming Monitor	13Q95AA
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
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.

[15] 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 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.

#### **Technical Specifications Footnotes**

[1] McAfee LiveSafe 30-day free trial offer (Internet access required. First 30 days included. Subscription required for live updates afterwards.)

[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.

[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 is not a measurement of higher performance. Intel, Pentium, Intel Core, Celeron, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries.

[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] HP Sleep and Charge requires USB Type-A/Type-C charging protocol standard cable or dongle with external device for full functionality.

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