HP Pavilion Plus 16 inch Laptop PC
Product Spec Sheet

Operating System	Windows 11 Home
Processor(s)	Intel® Core™ i7-13700H (up to 5.0 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 14 cores, 20 threads) [2a] Intel® Core™ i5-13500H (up to 4.7 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 12 cores, 16 threads) [2a]
Graphics	Intel® Iris® Xe Graphics [13] NVIDIA® GeForce RTX™ 3050 Laptop GPU (6 GB GDDR6 dedicated)
Memory	Dual channel memory support 16 GB LPDDR5x-5200 MHz RAM (onboard)
Internal Storage	1 TB PCIe® Gen4 NVMe™ TLC M.2 SSD 512 GB PCIe® Gen4 NVMe™ TLC M.2 SSD 1 TB PCIe® NVMe™ M.2 SSD
Input/Connectivity	1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge) 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge) [19] 1 USB Type-A 10Gbps signaling rate 1 USB Type-A 5Gbps signaling rate 1 headphone/microphone combo 1 AC smart pin 1 HDMI 2.1
Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card [7a, 29] Modern Standby (Connected)
Finish (materials)	Material: Aluminum with stamping (A/C/D covers) Finish: Sandblasted (A cover) + Matte (C/D covers) Using sustainable materials like: · Includes recycled metal [32] · Includes post-consumer recycled plastic [35] · Includes ocean-bound plastic [31] HP's outer boxes and fiber cushions used in packaging are 100% sustainably sourced and recyclable ENERGY STAR® certified EPEAT® Gold registered [21]
Panel	16" diagonal, WQXGA (2560 x 1600), 48-120 Hz, IPS, micro-edge, anti-glare, Low Blue Light, 400 nits, 100% sRGB, Variable Refresh Rate support [14] (TUV+Eyesafe® Display for Low Blue Light [18, 22])

	Flicker-free [36]
	89.74% Screen-to-Body Ratio [37]
Audio	Audio by B&O
	Dual Speakers
	DTS:X® Ultra
	HP Audio Boost
Camera	HP Wide Vision 5MP IR camera with temporal noise reduction and integrated dual array digital microphones
Security	Mic mute key
	Camera privacy shutter
	Trusted Platform Module (Firmware TPM) support
Battery Life & Power Requirements	Up to 11:45 hours of battery life (mixed usage) [41]
	Up to 15:45 hours of battery life (FHD Video Playback) [42]
	90 W AC power adapter
	135 W AC power adapter
	4-cell, 68 Wh Li-ion polymer [23] (Supports battery fast charge, approximately 50% in 30 minutes [1c])
Weight and Dimensions	Weight: 4.19 lb (SSD)
	Dimensions: 14.06 x 9.98 x 0.7(front) - 0.78(hinge) in
Colors	Natural silver
	Warm Gold
Productivity and Tools	NVIDIA Studio
	100% Intel® Evo™
	Full-size, backlit, sandstorm grey keyboard with numeric keypad
	Full-size, backlit, soft grey keyboard with numeric keypad
	HP Imagepad
	Precision Touchpad support