HP Spectre x360 2-in-1 Laptop 16-aa0001ni (A47B8EA)

Operating system	Windows 11 Pro
Processor family	Intel® Core™ Ultra 7 processor
Processor	Intel® Core™ Ultra 7 155H (up to 4.8 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 16 cores, 22 threads) [1, 2]
Performance technology	Intel® Evo™ laptop
Chipset	Intel® integrated SoC
Graphics	Discrete, NVIDIA® GeForce RTX™ 4050 Laptop GPU (6 GB GDDR6 dedicated)
Memory	32 GB LPDDR5x-6400 MT/s (onboard) (Transfer rates up to 6400 MT/s.)

Internal Storage	1 TB PCIe® Gen4 NVMe™ TLC M.2 SSD
Display	40.6 cm (16") diagonal, 3K (2880 x 1800), OLED, multitouch-enabled, 48-120 Hz, 0.2 ms response time, UWVA, edge-to-edge glass, micro-edge, anti-reflection Corning® Gorilla® Glass NBT™, Low Blue Light, SDR 400 nits, HDR 500 nits, 100% DCI-P3 [3, 4, 5, 6]
Touchscreen	Yes
Screen-to-body ratio (without speakers)	90.55% [7]
Color gamut	100% DCI-P3
Brightness	500 nits
Flicker-free	Yes [8]
Dimensions (W x D x H)	35.68 x 24.55 x 1.98 cm
Weight	1.95 kg
Software - Productivity & finance	1 month trial for new Microsoft 365 customers [9]
Software included	1-month Adobe free trial offer; PC Game Pass 3-month trial

Pre-installed software	Windows Studio Effects
Cloud service	100 GB Dropbox storage for 3 months [10]
Battery type	6-cell, 83 Wh Li-ion polymer ([11])
Battery life	Up to 13 hours and 15 minutes [12]
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes [13]
Wireless	Intel® Wi-Fi 7 BE200 (2x2) and Bluetooth® 5.4 wireless card [14, 15] (Modern Standby (Connected); HP Extended Range Wireless LAN; HP Dynamic Range Technology)
Product color	Nightfall black aluminum
Keyboard	Full-size, backlit, nightfall black keyboard
Camera	HP Wide Vision 9MP IR camera with camera shutter, temporal noise reduction and integrated dual array digital microphones
Audio	DTS:X Ⓡ Ultra; Quad speakers; HP Audio Boost; Poly Studio
Pointing device	Haptic touchpad

Ports	1 USB Type-A 10Gbps signaling rate (HP Sleep and Charge); 1 HDMI-out 2.1; 1 headphone/microphone combo; 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1, HP Sleep and Charge) [16]
Power supply type	140 W USB Type-C® power adapter
Security management	All-in-One keyboard; Trusted Platform Module (Discrete TPM) support
Fingerprint reader	Fingerprint reader
Input devices	Accelerometer; AI chip; eCompass; Gyroscope; IR thermal sensor
Ecolabels	EPEAT® Gold registered [17]
Sustainable impact specifications	Ocean-bound plastic in speaker enclosure(s) and bezel; Recycled metal in cover, keyboard frame, base and hinge cap(s); Keyboard keycaps and scissors contain post-consumer recycled plastic [18, 19, 20]
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.

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