



# HP D3PP3EA laptop Intel Core Ultra 7 255H 40,6 cm (16") 2K 16 GB DDR5-SDRAM NVIDIA GeForce RTX 5060 Wi-Fi 6 (802.11ax) Windows 11 Home AI PC Black

Brand : HP

Article code: D3PP3EA

Product name : D3PP3EA

HP D3PP3EA. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 255H. Display diagonal: 40,6 cm (16"), HD type: 2K, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Discrete graphics card model: NVIDIA GeForce RTX 5060. Operating system installed: Windows 11 Home. Product color: Black. Weight: 2,43 kg

Design		Network	
Color name	Shadow black	WLAN controller manufacturer	Realtek
Product type *	Laptop	Ethernet LAN	✓
Product color *	Black	Ethernet LAN data rates	10,100,1000 Mbit/s
Form factor *	Clamshell	Bluetooth	✓
Market positioning	Gaming	Bluetooth version	5.4
Original brand name	HP	Cabling technology	10/100/1000Base-T(X)
Display		Ports & interfaces	
Display diagonal *	40,6 cm (16")	Ethernet LAN (RJ-45) ports	1
Display resolution *	1920 x 1200 pixels	Combo headphone/mic port	✓
Touchscreen *	✗	Performance	
HD type	2K	Motherboard chipset	Intel SoC
Panel type	IPS	Temperature sensor	✓
Native aspect ratio	16:10	Keyboard	
Display bezel technology	Micro-Edge	Pointing device	Touchpad
Display brightness	300 cd/m <sup>2</sup>	Numeric keypad *	✓
Display diagonal (metric)	40,6 cm	Keyboard backlit	✓
RGB color space	sRGB	Full-size keyboard	✓
Color gamut	62,5%	Keyboard colour name	Shadow black
Maximum refresh rate	144 Hz	Software	
sRGB coverage (typical)	62,5%	Operating system installed *	Windows 11 Home
Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Turbo Boost Technology	✓
Processor family *	Intel Core Ultra 7	Brand-specific features	
Processor model *	255H	HP Audio Boost	✓
Processor cores	16	HP Imagepad	✓
Processor threads	16	HP Security tools	Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
Processor boost frequency	5,1 GHz	HP Artificial Intelligence	AI PC
Processor cache	24 MB	HP segment	Home
Processor cache type	L3	Battery	
Neural processor unit (NPU)		Battery technology	Lithium Polymer (LiPo)
Neural processor unit (NPU)	Intel AI Boost	Number of battery cells	4
NPU performance up to	13 TOPs	Battery capacity *	70 Wh
Memory		Fast charging	✓
Internal memory *	16 GB	Fast charging time (50%)	30 min
Internal memory type	DDR5-SDRAM	Power	
Memory clock speed	5600 MHz	AC adapter power	230 W
Memory form factor	SO-DIMM		
Memory layout (slots x size)	2 x 8 GB		
Graphics			
Discrete GPU manufacturer	NVIDIA		

<b>Graphics</b>		<b>Power</b>	
Discrete graphics card model *	NVIDIA GeForce RTX 5060	AC adapter frequency	50 - 60 Hz
Discrete graphics card memory	8 GB	AC adapter input voltage	100 - 240 V
Discrete graphics memory type	GDDR7	<b>Security</b>	
Discrete graphics card *	✓	Trusted Platform Module (TPM)	✓
NVIDIA G-SYNC	✓	Password protection	✓
<b>Audio</b>		Password protection type	BIOS, Power on
Audio system	DTS:X Ultra	<b>Sustainability</b>	
Number of built-in speakers	2	Sustainability certificates	ENERGY STAR, EPEAT, EPEAT Gold
Built-in microphone	✓	<b>Weight &amp; dimensions</b>	
Number of microphones	2	Width	357,5 mm
<b>Camera</b>		Depth	269 mm
Front camera	✓	Height (front)	2,37 cm
Front camera resolution	1920 x 1080 pixels	Height (rear)	2,54 cm
Front camera HD type	Full HD	Weight *	2,43 kg
<b>Network</b>		<b>Packaging data</b>	
Wi-Fi	✓	Package width	63 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Package depth	567 mm
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Package height	305 mm
Antenna type	2x2	Package weight	3,77 kg
		<b>Packaging content</b>	
		Keyboard included	✓
		<b>Other features</b>	
		UNSPSC-code	43211503

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