



HP E2ZR5EA laptop 38.9 cm (15.3") 2K 16 GB DDR5-SDRAM Wi-Fi 7 (802.11be) Windows 11 Home AI PC

Brand : HP

Product code: E2ZR5EA

Product name : E2ZR5EA

- AMD Ryzen 5 240 (up to 5.0 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads)
- Windows 11 Home
- 38.9 cm (15.3") diagonal 2K display
- NVIDIA GeForce RTX 5050 Laptop GPU (8 GB GDDR7 dedicated)
- 16 GB DDR5-5600 MT/s (1 x 16 GB), 512 GB PCIe Gen4 NVMe M.2 SSD

HyperX OMEN 15 inch Gaming Laptop PC 15-gb0003na, Windows 11 Home, 15.3", AMD Ryzen 5, 16GB RAM, 512GB SSD, NVIDIA GeForce RTX 5050, 2K, Iridescent black

HP E2ZR5EA laptop 38.9 cm (15.3") 2K 16 GB DDR5-SDRAM Wi-Fi 7 (802.11be) Windows 11 Home AI PC:

Outshine Ordinary

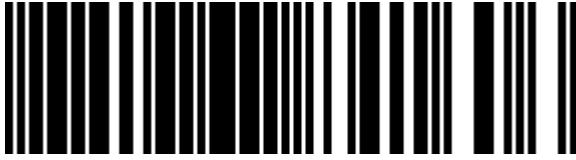
The HyperX OMEN 15 delivers fast performance that pushes your gaming farther than ever. With NVIDIA GeForce RTX 50 Series GPUs and AMD Ryzen AI CPUs ^[2], Unleashed Mode for manual overclocking, and with a single click on OMEN AI, you can maximize your FPS without the hassle.

HP E2ZR5EA. Form factor: Clamshell. Display diagonal: 38.9 cm (15.3"), HD type: 2K, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Operating system installed: Windows 11 Home. Weight: 2.42 kg



Design		Ports & interfaces	
Colour name	Iridescent black	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Form factor *	Clamshell	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display		Ethernet LAN (RJ-45) ports	1
Display diagonal *	38.9 cm (15.3")	HDMI ports quantity *	1
Display resolution *	1920 x 1200 pixels	Microphone in	✓
Touchscreen *	✗	Combo headphone/mic port	✓
HD type	2K	USB Sleep-and-Charge	✓
Panel type	IPS	USB Sleep-and-Charge ports	1
Native aspect ratio	16:10	Performance	
Display bezel technology	Micro-Edge	Motherboard chipset	AMD SoC
Display brightness	300 cd/m ²	Keyboard	
Display diagonal (metric)	38.9 cm	Pointing device	Touchpad
RGB colour space	sRGB	Numeric keypad *	✓
Colour gamut	62.5%	Keyboard backlit	✓
Display response rise/fall	6.5 ms	Keyboard backlit colour	RGB
Maximum refresh rate	165 Hz	Keyboard backlit zone	4-zone RGB
sRGB coverage (typical)	62.5%	Full-size keyboard	✓
Processor		Keyboard colour name	Shadow black
Processor manufacturer *	AMD	Software	
Processor cores	6	Trial software	100 GB Dropbox storage for 3 months
Processor threads	12	Operating system installed *	Windows 11 Home
Processor boost frequency	5 GHz	Brand-specific features	
Processor cache	16 MB	HP Audio Boost	✓
Processor cache type	L3	HP speaker type	HP Dual Speakers
Neural processor unit (NPU)		HP Imagepad	✓
NPU performance up to	16 TOPs		
Memory			
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		

Memory		Brand-specific features	
Memory clock speed	5600 MHz	HP Security tools	Trusted Platform Module (Firmware TPM) support
Memory form factor	SO-DIMM		
Memory layout (slots x size)	1 x 16 GB	HP Software provided	HP Connection Optimizer; OMEN Gaming Hub
Memory slots (available)	2	HP Artificial Intelligence	AI PC
Non-ECC	✓	HP segment	Home
		HP GTIN (EAN/UPC)	881767841606
Graphics		Battery	
Discrete GPU manufacturer	NVIDIA	Battery technology	Lithium Polymer (LiPo)
Discrete graphics card memory	8 GB	Number of battery cells	4
Discrete graphics memory type	GDDR7	Battery capacity *	70 Wh
Discrete graphics card *	✓	Fast charging	✓
AMD FreeSync	✓	Fast charging time (50%)	30 min
Audio		Power	
Audio system	DTS:X Ultra	AC adapter power	150 W
Built-in speaker(s)	✓	USB Type-C charging port *	✓
Number of built-in speakers	2	USB Power Delivery (USB PD)	✓
Built-in microphone	✓		
Number of microphones	2		
Camera		Security	
Front camera	✓	Trusted Platform Module (TPM)	✓
Front camera resolution	1920 x 1080 pixels		
Front camera HD type	Full HD		
Network		Sustainability	
Wi-Fi	✓	Sustainability compliance	✓
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Sustainability certificates	ENERGY STAR, EPEAT, EPEAT Gold
Wi-Fi standards	Wi-Fi 7 (802.11be)	Sustainable technologies and materials	Keyboard keycaps, scissors and keyboard plate contain post-consumer recycled plastic
Antenna type	2x2		
WLAN controller model	MediaTek MT7925		
WLAN controller manufacturer	MediaTek		
Ethernet LAN	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		
Bluetooth version	6.0		
Cabling technology	10/100/1000Base-T(X)		
		Weight & dimensions	
		Depth	253 mm
		Height	23.6 mm
		Weight *	2.42 kg
		Packaging data	
		Package width	63 mm
		Package depth	567 mm
		Package height	330 mm
		Package weight	3.77 kg
		Packaging content	
		AC adapter included *	✓
		Keyboard included	✓
		Technical details	
		General Product Safety Regulation (GPSR) URL	https://support.hp.com/us-en/document/ish_6126692-6126777-16?openCLC=true ; HP REG 23010, 08028 Barcelona, Spain ; reg@hp.com
		Other features	
		UNSPSC-code	43211503
		Memory module type	SODIMM



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