

ERAZER Beast 16 X1 Intel Core Ultra 9 275HX Laptop 40.6 cm (16") Quad HD+ 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5090 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : ERAZER

Product code: 30039605

Product name : Beast 16 X1

ERAZER Beast 16 X1. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 275HX. Display diagonal: 40.6 cm (16"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics, Discrete graphics card model: NVIDIA GeForce RTX 5090. Operating system installed: Windows 11 Home. Product colour: Black



Design		Storage	
Product type *	Laptop	Card reader integrated	✓
Product colour *	Black	Compatible memory cards	SD, SDHC, SDXC
Form factor *	Clamshell	Graphics	
Housing material	Aluminium	Discrete GPU manufacturer	NVIDIA
Market positioning	Gaming	Discrete graphics card model *	NVIDIA GeForce RTX 5090
Display		Discrete graphics card memory	24 GB
Display diagonal *	40.6 cm (16")	Discrete graphics memory type	GDDR7
Display resolution *	2560 x 1600 pixels	On-board graphics card *	✓
Touchscreen *	✗	On-board GPU manufacturer	Intel
HD type	Quad HD+	Discrete graphics card *	✓
Panel type	IPS	On-board graphics card family	Intel® Graphics
LED backlight	✓	On-board graphics card model *	Intel® Graphics
Native aspect ratio	16:10	Audio	
Display surface	Matt	Audio system	Nahimic 3D
Display diagonal (metric)	40.6 cm	Number of built-in speakers	2
RGB colour space	DCI-P3	Built-in microphone	✓
Colour gamut	100%	Camera	
Maximum refresh rate	300 Hz	Front camera	✓
Processor		Front camera resolution	1920 x 1080 pixels
Processor manufacturer *	Intel	Front camera HD type	Full HD
Processor family *	Intel Core Ultra 9	Infrared (IR) camera	✓
Processor generation	Intel Core Ultra (Series 2)	Privacy camera	✓
Processor model *	275HX	Network	
Processor cores	24	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor threads	24	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor boost frequency	5.4 GHz	Mobile network connection *	✗
Performance cores	8	WLAN controller model	Intel Wi-Fi 6E AX211
Efficient cores	16	WLAN controller manufacturer	Intel
Performance-core Max Turbo Frequency	5.4 GHz	Ethernet LAN	✓
Efficient-core Max Turbo Frequency	4.6 GHz	Ethernet LAN data rates	2500 Mbit/s
Performance-core base frequency	2.7 GHz	Bluetooth	✓
Efficient-core base frequency	2.1 GHz		
Processor cache	36 MB		
Processor base power	55 W		

Processor		Ports & interfaces	
Maximum turbo power	160 W	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Neural processor unit (NPU)		USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Neural processor unit (NPU)	Intel AI Boost	Ethernet LAN (RJ-45) ports	1
Sparsity support	✓	HDMI ports quantity *	1
Windows Studio effects support	✓	HDMI version	2.1
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	DisplayPorts quantity	1
Total processor performance up to	36 TOPs	Thunderbolt 4 ports quantity	1
NPU performance up to	13 TOPs	Microphone in	✓
GPU performance up to	8 TOPs	Combo headphone/mic port	✓
Memory		Performance	
Internal memory *	32 GB	Motherboard chipset	Intel HM870
Internal memory type	DDR5-SDRAM	Keyboard	
Memory clock speed	5600 MHz	Pointing device	Touchpad
Maximum internal memory *	64 GB	Numeric keypad *	✓
Storage		Keyboard backlit	✓
Total storage capacity *	2 TB	Keyboard backlit colour	RGB
Storage media *	SSD	Keyboard backlit zone	Per-key RGB
Total SSDs capacity	2 TB	Software	
Number of SSDs installed	1	Operating system installed *	Windows 11 Home
SSD capacity	2 TB	Battery	
SSD interface	PCI Express 5.0	Battery technology	Lithium Polymer (LiPo)
NVMe	✓	Number of battery cells	4
SSD form factor	M.2	Battery capacity *	99.8 Wh
Optical drive type *	✗	Weight & dimensions	
		Width	357 mm
		Depth	245 mm
		Height	30 mm
		Weight *	2.67 kg



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