



MSI Raider 16 Max HX B2WH-415FRY Intel Core Ultra 9 290HX Plus Laptop 40.6 cm (16") Quad HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Ti Wi-Fi 7 (802.11be) Windows 11 Pro Black French

Brand : MSI

Product family: Raider

Product code: RAIDER 16 MAX
HX B2WH-415FRY

Product name : Raider 16 Max
HX B2WH-415FRY

- Windows 11 Pro
- Intel Core Ultra 9 290HX Plus (36MB Cache)
- 16" Quad HD+ 2560 x 1600 OLED, NVIDIA GeForce RTX 5070 Ti (12GB GDDR7)
- 32GB DDR5-SDRAM (2 x 16) & 1000GB SSD

Intel Core Ultra 9 290HX Plus (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 16" Quad HD+ 2560 x 1600 OLED, Intel Graphics, NVIDIA GeForce RTX 5070 Ti (12GB GDDR7), LAN, WLAN, Webcam, Windows 11 Pro

MSI Raider 16 Max HX B2WH-415FRY. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 290HX Plus. 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: 1 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics, Discrete graphics card model: NVIDIA GeForce RTX 5070 Ti. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Graphics	
Colour name	Core Black	On-board GPU manufacturer	Intel
Product type *	Laptop	Discrete graphics card *	✓
Product colour *	Black	On-board graphics card family	Intel® Graphics
Form factor *	Clamshell	On-board graphics card model *	Intel® Graphics
Housing material	Metal, Plastic	Audio	
Market positioning	Gaming	Audio system	Nahimic 3
Original brand name	MSI	Number of built-in speakers	4
Display		Speakers manufacturer	Dynaudio
Display diagonal *	40.6 cm (16")	Speaker power	2 W
Display resolution *	2560 x 1600 pixels	Built-in subwoofer	✓
Touchscreen *	✗	Camera	
HD type	Quad HD+	Front camera	✓
Panel type	OLED	Front camera HD type	Full HD
Native aspect ratio	16:10	Video capturing speed	30 fps
Anti-smudge coating	✗	Infrared (IR) camera	✓
Display brightness	500 cd/m²	Privacy camera	✓
RGB colour space	DCI-P3	Privacy type	Privacy shutter
Colour gamut	100%	Network	
Maximum refresh rate	240 Hz	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor		Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor manufacturer *	Intel	Mobile network connection *	✗
Processor family *	Intel Core Ultra 9	WLAN controller model	Killer Wi-Fi BE1750x
Processor generation	Intel Core Ultra (Series 2)	WLAN controller manufacturer	Intel
Processor model *	290HX Plus	Ethernet LAN	✓
Processor cores	24	Ethernet LAN data rates	2500 Mbit/s
Processor threads	24	Bluetooth	✓
Processor boost frequency	5.5 GHz		
Performance cores	8		

Processor		Network	
Efficient cores	16	Bluetooth version	5.4
Performance-core Max Turbo Frequency	5.5 GHz	Ports & interfaces	
Efficient-core Max Turbo Frequency	4.7 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Performance-core base frequency	2.7 GHz	HDMI ports quantity *	1
Efficient-core base frequency	1.8 GHz	HDMI version	2.1
Processor cache	36 MB	Thunderbolt 5 ports quantity	2
Processor cache type	Smart Cache	Intel® Thunderbolt 5	✓
Processor socket	BGA 2114	Performance	
Processor base power	55 W	Repairability index	7.9
Maximum turbo power	160 W	Keyboard	
Neural processor unit (NPU)		Pointing device	Trackpad
Neural processor unit (NPU)	Intel AI Boost	Numeric keypad *	✓
Sparsity support	✓	Keyboard backlit	✓
Windows Studio effects support	✓	Keyboard backlit colour	RGB
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Keyboard backlit zone	Per-key RGB
Total processor performance up to	36 TOPs	Keyboard number of keys	99
NPU performance up to	13 TOPs	Keyboard language	French
GPU performance up to	8 TOPs	Copilot key	✓
Memory		Software	
Internal memory *	32 GB	Operating system installed *	Windows 11 Pro
Internal memory type	DDR5-SDRAM	AI Noise Cancellation Pro, Discrete Graphics Mode, MSI AI Engine, MSI App Player, MSI Center, MSI Companion, Nahimic 3, Nvidia App, Steelseries GG, True Color	
Memory layout (slots x size)	2 x 16 GB	Battery	
Memory slots	2x SO-DIMM	Number of battery cells	4
Maximum internal memory *	128 GB	Battery capacity	5875 mAh
Storage		Battery capacity *	98.1 Wh
Total storage capacity *	1 TB	Battery weight	321 g
Storage media *	SSD	Power	
Total SSDs capacity	1 TB	AC adapter power	400 W
Number of SSDs installed	1	AC adapter input voltage	90 - 264 V
SSD capacity	1 TB	USB Type-C charging port *	✓
SSD interface	PCI Express 4.0	USB Power Delivery (USB PD)	✓
NVMe	✓	Security	
M.2 SSD size	2280 (22 x 80 mm)	Cable lock slot	✓
Optical drive type *	✗	Cable lock slot type	Kensington
Card reader integrated	✓	Trusted Platform Module (TPM)	✓
Compatible memory cards	SD	Trusted Platform Module (TPM) version	2.0
Graphics		Weight & dimensions	
Discrete GPU manufacturer	NVIDIA	Width	363 mm
Discrete graphics card model *	NVIDIA GeForce RTX 5070 Ti	Depth	269.7 mm
Discrete graphics card memory	12 GB	Height (front)	2.19 cm
Discrete graphics memory type	GDDR7	Height (rear)	2.88 cm
On-board graphics card *	✓	Weight *	2.6 kg
		Packaging content	
		AC adapter included *	✓
		Other features	
		Warranty period	2 year(s)



4711377482912

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.