



MSI Crosshair A16 HX D7WGKG-034UK AMD Ryzen™ 9 7945HX Laptop 40.6 cm (16") Quad HD+ 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11 Home Grey



Brand : MSI

Product family: Crosshair

Product code: CROSSHAIR A16 HX D7WGKG-034UK

Product name : Crosshair A16 HX D7WGKG-034UK



AMD Ryzen 9 7945HX (80MB Cache, 2.5GHz), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") Quad HD+ 2560 x 1600 IPS-Level, AMD Radeon 610M, NVIDIA GeForce RTX 5070 (12GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home
MSI Crosshair A16 HX D7WGKG-034UK. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 9, Processor model: 7945HX, Processor frequency: 2.5 GHz. Display diagonal: 40.6 cm (16"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 610M. Operating system installed: Windows 11 Home. Product colour: Grey

Design		Camera	
Colour name	Cosmos Gray	Privacy camera	✓
Product type *	Laptop	Privacy type	Privacy shutter
Product colour *	Grey	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Original brand name	MSI	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display		Mobile network connection *	✗
Display diagonal *	40.6 cm (16")	WLAN controller model	AMD RZ616
Display resolution *	2560 x 1600 pixels	WLAN controller manufacturer	AMD
Touchscreen *	✗	Ethernet LAN	✓
HD type	Quad HD+	Ethernet LAN data rates	10,100,1000 Mbit/s
Panel type	IPS-Level	Bluetooth	✓
Native aspect ratio	16:10	Bluetooth version	5.3
RGB colour space	DCI-P3	Ports & interfaces	
Colour gamut	100%	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Maximum refresh rate	240 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	AMD	HDMI version	2.1
Processor family *	AMD Ryzen™ 9	Combo headphone/mic port	✓
Processor generation	AMD Ryzen 7000 Series	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	7945HX	Performance	
Processor cores	16	Motherboard chipset	Intel SoC
Processor threads	24	Keyboard	
Processor boost frequency	5.4 GHz	Pointing device	Touchpad
Processor frequency *	2.5 GHz	Numeric keypad *	✓
Processor cache	80 MB	Keyboard backlit	✓
Processor cache type	L2 & L3	Keyboard backlit colour	RGB
Memory		Keyboard backlit zone	24-zone RGB
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		
Memory clock speed	5200 MHz		
Memory layout (slots x size)	2 x 8 GB		

Memory		Keyboard	
Memory slots	2x SO-DIMM	Copilot key	✓
Maximum internal memory *	96 GB	Software	
Storage		Operating system installed *	Windows 11 Home
Total storage capacity *	1 TB	Battery	
Storage media *	SSD	Battery technology	Lithium Polymer (LiPo)
Total SSDs capacity	1 TB	Number of battery cells	4
Number of SSDs installed	1	Battery capacity *	90 Wh
SSD capacity	1 TB	Power	
SSD interface	PCI Express 4.0	AC adapter power	240 W
NVMe	✓	USB Type-C charging port *	✓
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
Optical drive type *	✗	Security	
Graphics		Cable lock slot	✓
Discrete GPU manufacturer	NVIDIA	Cable lock slot type	Kensington
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Trusted Platform Module (TPM)	✓
Discrete graphics card memory	12 GB	Trusted Platform Module (TPM) version	2.0
Discrete graphics memory type	GDDR7	Weight & dimensions	
On-board graphics card *	✓	Width	359 mm
On-board GPU manufacturer	AMD	Depth	266.4 mm
Discrete graphics card *	✓	Height (front)	2.18 cm
On-board graphics card family	AMD Radeon Graphics	Height (rear)	2.79 cm
On-board graphics card model *	AMD Radeon 610M	Weight *	2.5 kg
NVIDIA G-SYNC	✓	Packaging data	
Audio		Package width	489 mm
Number of built-in speakers	2	Package depth	9.3 mm
Speaker power	2 W	Package height	315 mm
Camera		Packaging content	
Front camera	✓	AC adapter included *	✓
Front camera resolution	1280 x 720 pixels	Logistics data	
Front camera HD type	HD	Commodity Classification Automated Tracking System (CCATS)	8471300000
Video capturing speed	30 fps	Other features	
		Warranty period	2 year(s)



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