

GIGABYTE GAMING A16 CWH Gaming Laptop - 16.0", 165Hz WUXGA, Intel core 7-13620H, NVIDIA RTX 5070, 16GB DDR5 5200MHz, 1 x Gen4 1TB SDD, Win 11 Home, 2 Year Warranty, Dolby Atmos, GAMING A16 CWHI3UK894SH

Brand : GIGABYTE

Product code: GAMING A16 CWHI3UK894SH

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- Windows 11 Home
 - NVIDIA GeForce RTX 5070 Laptop GPUs
 - 13th Gen Intel Core i7-13620H
 - 16.0" 16:10 WUXGA (1920x1200) 165Hz IPS Display
 - WINDFORCE Cooling system
 - Supports MUX Switch, Dolby Atmos, DDR5 memory, and Wi-Fi 6E
- GAMING A16 CWH Gaming Laptop - 16.0", 165Hz WUXGA, Intel core 7-13620H, NVIDIA RTX 5070, 16GB DDR5 5200MHz, 1 x Gen4 1TB SDD, Win 11 Home, 2 Year Warranty, Dolby Atmos, GAMING A16 CWHI3UK894SH

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The GIGABYTE GAMING A16 Laptop is powered by an Intel H Series processor, NVIDIA GeForce RTX 50 Series Laptop GPUs, and a 165Hz high refresh rate display. With its 16:10 wide aspect ratio and a 180° lay-flat hinge, this laptop supports all your fights and even your everyday life.



Design		Audio	
Colour name	Black Steel	Speaker power	2 W
Product type *	Laptop	Built-in microphone	✓
Product colour *	Black	Camera	
Form factor *	Clamshell	Front camera	✓
Country of origin	China	Front camera resolution	1280 x 720 pixels
Original brand name	GIGABYTE	Front camera HD type	HD
Display		Network	
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1200 pixels	Wi-Fi standards	Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
Touchscreen *	✗	Mobile network connection *	✗
HD type	WUXGA	Antenna type	2x2
Panel type	IPS	Ethernet LAN	✓
Native aspect ratio	16:10	Ethernet LAN data rates	10,100,1000 Mbit/s
RGB colour space	NTSC	Bluetooth	✓
Colour gamut	45%	Bluetooth version	5.2
Maximum refresh rate	165 Hz	Ports & interfaces	
Processor		USB 2.0 ports quantity *	1
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	Intel® Core™ i7	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor generation	13th gen Intel® Core™ i7	Ethernet LAN (RJ-45) ports	1
Processor model *	i7-13620H	HDMI ports quantity *	1
Processor cores	10	HDMI version	2.1
Processor threads	16	Combo headphone/mic port	✓
Processor boost frequency	4.9 GHz		
Performance cores	6		
Efficient cores	4		
Performance-core Max Turbo Frequency	4.9 GHz		

Processor		Ports & interfaces	
Efficient-core Max Turbo Frequency	3.6 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor cache	24 MB		
Processor cache type	Smart Cache		
Processor base power	45 W		
Maximum turbo power	115 W		
Neural processor unit (NPU)			
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN		
Memory		Keyboard	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	DDR5-SDRAM	Numeric keypad *	✗
Memory clock speed	5200 MHz	Keyboard backlit	✓
Memory layout (slots x size)	1 x 16 GB	Keyboard layout	QWERTY
Maximum internal memory *	64 GB	Keyboard language	UK English
Storage		Software	
Total storage capacity *	1 TB	Operating system installed *	Windows 11 Home
Storage media *	SSD		
Total SSDs capacity	1 TB		
Number of SSDs installed	1		
SSD capacity	1 TB		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
Optical drive type *	✗		
Graphics		Battery	
Discrete GPU manufacturer	NVIDIA	Battery technology	Lithium Polymer (LiPo)
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Number of battery cells	4
Discrete graphics card memory	8 GB	Battery capacity *	76.1 Wh
Discrete graphics memory type	GDDR7	Battery weight	275 g
On-board graphics card *	✓		
On-board GPU manufacturer	Intel		
Discrete graphics card *	✓		
On-board graphics card family	Intel® UHD Graphics		
On-board graphics card model *	Intel® UHD Graphics		
Audio		Power	
Audio system	Dolby Atmos	AC adapter power	150 W
Number of built-in speakers	2	AC adapter frequency	50 - 60 Hz
		AC adapter input voltage	100 - 240 V
		DC-in jack	✓
		USB Type-C charging port *	✓
		USB Power Delivery (USB PD)	✓
		Security	
		Trusted Platform Module (TPM)	✓
		Weight & dimensions	
		Width	358.3 mm
		Depth	262.5 mm
		Height (front)	1.95 cm
		Height (rear)	2.3 cm
		Weight *	2.2 kg
		Packaging data	
		Package width	93 mm
		Package depth	419 mm
		Package height	320 mm
		Package weight	3.65 kg
		Packaging content	
		AC adapter included *	✓
		Number of batteries	1
		Logistics data	
		Products per shipping (inner) case	1 pc(s)
		Other features	
		Batteries included	✓
		Warranty period	2 year(s)



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