

## GIGABYTE Gaming A16 CWHI3US894SH Intel® Core™ i7 i7-13620H Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11 Home Black

**Brand :** GIGABYTE

**Product family:** Gaming

**Product code:** GAMING A16 CWHI3US894SH



**Product name :** Gaming A16 CWHI3US894SH

- Windows 11 Home
- Intel Core i7-13620H (24MB Cache)
- 40.6 cm (16") WUXGA 1920 x 1200 IPS, NVIDIA GeForce RTX 5070 (8GB GDDR7)
- 16GB (5200MHz) DDR5-SDRAM (1 x 16) & 1000GB SSD
- Intel Core i7-13620H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 5070 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home

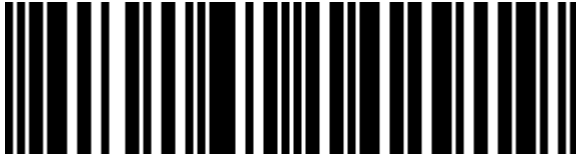
GIGABYTE Gaming A16 CWHI3US894SH Intel® Core™ i7 i7-13620H Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11 Home Black:

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

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Efficient-core Max Turbo Frequency	3.6 GHz	Ethernet LAN (RJ-45) ports	1
Processor cache	24 MB	HDMI ports quantity *	1
Processor cache type	Smart Cache	HDMI version	2.1
Processor base power	45 W	Combo headphone/mic port	✓
Maximum turbo power	115 W	USB Type-C DisplayPort Alternate Mode	✓
<b>Neural processor unit (NPU)</b>		<b>Keyboard</b>	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Pointing device	Touchpad
<b>Memory</b>		Numeric keypad *	✗
Internal memory *	16 GB	Keyboard backlit	✓
Internal memory type	DDR5-SDRAM	<b>Software</b>	
Memory clock speed	5200 MHz	Operating system installed *	Windows 11 Home
Memory layout (slots x size)	1 x 16 GB	<b>Battery</b>	
Maximum internal memory *	64 GB	Battery technology	Lithium Polymer (LiPo)
<b>Storage</b>		Number of battery cells	4
Total storage capacity *	1 TB	Battery capacity *	76.1 Wh
Storage media *	SSD	<b>Power</b>	
Total SSDs capacity	1 TB	AC adapter power	150 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	1 TB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	DC-in jack	✓
NVMe	✓	USB Type-C charging port *	✓
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
Optical drive type *	✗	<b>Security</b>	
<b>Graphics</b>		Trusted Platform Module (TPM)	✓
Discrete GPU manufacturer	NVIDIA	<b>Weight &amp; dimensions</b>	
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Width	358.3 mm
Discrete graphics card memory	8 GB	Depth	262.5 mm
Discrete graphics memory type	GDDR7	Height (front)	1.95 cm
On-board graphics card *	✓	Height (rear)	2.3 cm
On-board GPU manufacturer	Intel	Weight *	2.2 kg
Discrete graphics card *	✓	<b>Packaging data</b>	
		Package width	93 mm
		Package depth	419 mm
		Package height	320 mm
		Package weight	3.65 kg
		<b>Packaging content</b>	
		AC adapter included *	✓



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### Catalog Object Cloud



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