

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	Audio	
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
Display		Built-in microphone	✓
Display diagonal *	40.6 cm (16")	Camera	
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	Network	
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
Processor		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	Ports & interfaces	
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		

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



810162142919

0810162142919

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.