

GIGABYTE GAMING A16 CTHI3DE894SH laptop Intel® Core™ i7 i7-13620H 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA® GeForce RTX™ 5050 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : GIGABYTE

Product code: GAMING A16 CTHI3DE894SH

Product name : GAMING A16 CTHI3DE894SH

GIGABYTE GAMING A16 CTHI3DE894SH. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13620H. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA® GeForce RTX™ 5050. Operating system installed: Windows 11 Home. Product colour: Black



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	1920 x 1080 pixels
Original brand name	GIGABYTE	Front camera HD type	Full 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
Display brightness	300 cd/m²	Bluetooth	✓
RGB colour space	NTSC	Bluetooth version	5.2
Colour gamut	45%	Ports & interfaces	
Maximum refresh rate	165 Hz	USB 2.0 ports quantity *	1
Processor		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor family *	Intel® Core™ i7	Ethernet LAN (RJ-45) ports	1
Processor generation	13th gen Intel® Core™ i7	HDMI ports quantity *	1
Processor model *	i7-13620H	HDMI version	2.1
Processor cores	10	Combo headphone/mic port	✓
Processor threads	16	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	4.9 GHz		
Performance cores	6		
Efficient cores	4		

Processor		Performance	
Performance-core Max Turbo Frequency	4.9 GHz	Repairability index	6.7
Efficient-core Max Turbo Frequency	3.6 GHz	Keyboard	
Processor cache	24 MB	Pointing device	Touchpad
Processor cache type	Smart Cache	Numeric keypad *	✗
Processor base power	45 W	Keyboard backlit	✓
Maximum turbo power	115 W	Software	
Memory		Operating system installed *	Windows 11 Home
Internal memory *	16 GB	Battery	
Internal memory type	DDR5-SDRAM	Battery technology	Lithium Polymer (LiPo)
Memory clock speed	5200 MHz	Number of battery cells	4
Memory layout (slots x size)	1 x 16 GB	Battery capacity *	76.1 Wh
Memory slots	2x SO-DIMM	Battery weight	275 g
Maximum internal memory *	64 GB	Power	
Storage		AC adapter power	150 W
Total storage capacity *	1 TB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	1 TB	USB Type-C charging port *	✓
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	1 TB	Security	
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Weight & dimensions	
SSD form factor	M.2	Width	358.3 mm
Optical drive type *	✗	Depth	262.5 mm
Graphics		Height (front)	1.95 cm
Discrete GPU manufacturer	NVIDIA	Height (rear)	2.3 cm
Discrete graphics card model *	NVIDIA® GeForce RTX™ 5050	Weight *	2.2 kg
Discrete graphics card memory	8 GB	Packaging data	
Discrete graphics memory type	GDDR7	Package width	93 mm
On-board graphics card *	✓	Package depth	419 mm
On-board GPU manufacturer	Intel	Package height	320 mm
Discrete graphics card *	✓	Package weight	3.65 kg
On-board graphics card family	Intel® UHD Graphics	Packaging content	
On-board graphics card model *	Intel® UHD Graphics	AC adapter included *	✓
Audio		Number of batteries	1
Audio system	Dolby Atmos	Logistics data	
Number of built-in speakers	2	Products per shipping (inner) case	1 pc(s)
		Other features	
		Batteries included	✓
		Warranty period	2 year(s)



4719331764821

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.