

GIGABYTE GAMING A16



GA6H / GA6MH (IN ONLY)

GAME IT ALL

GIGABYTE AI Laptops



Powering Advanced AI

Exclusive GIGABYTE Control Center with **True Power of AI** LLM Support



GiMATE

Your Smart AI Mate



Smart Cooling



Privacy



Power



AI Generate

POWER TO WIN



Up to Intel i7 CPU



Up to Next-gen
RTX Laptop GPU
Max. TGP 75W*



**Windforce
Cooling**



3D VortX
Air-channeling



Surround
Vent Design



Icy Touch
Design
& 0dB Cooling

Design for GAMING



180°
Lay-flat Design



19.45mm, ~2.2kg
Ultrathin & Light



Golden Curve
Keyboard



3D Surround
Sound Effect



**165
Hz**
**Smooth
Gameplay**



16:10
Aspect Ratio



TYPE-C
PD 3.0
Charging

Over
12Hrs
Battery Life

GIGABYTE™

*Specifications are subject to change without notice. GIGABYTE cannot be responsible for errors and omissions in typography or photography.



Product Gallery





GIGABYTE GAMING A16 CTH13DE894SH

EAN 4719331764821

MODEL	GIGABYTE GAMING A16
PROJECT NAME	GA6CTH
PROCESSOR OPTIONS	Intel® Core™ i7-13620H
OPERATING SYSTEM	Windows® 11
GRAPHICS	NVIDIA® GeForce RTX 5050 Laptop GPU 8GB GDDR7 Max. TGP 75W* (with Dynamic Boosts) Support MUX Switch *Subject to change based on NPI stage.
DISPLAY	16.0" Thin Bezel WUXGA 1920x1200 IPS-Level 165Hz Display (45% NTSC, 300 nits (Typical))
SYSTEM MEMORY	16GB (1x16) DDR5 5600 (2 slots, Up to 64GB)
STORAGE OPTIONS	1TB NVMe PCIe Gen4 (2 slots PCIe Gen4x4 NVMe™ M.2 SSD, Up to 4TB)
I/O PORT	1 x Type-C USB3.2 Gen1 support DisplayPort™ 1.4 and Power Delivery 3.0 2 x Type-A support USB3.2 Gen1, 1 x Type-A support USB2.0, 1 x HDMI 2.1 TMDS, 1 x 3.5mm Audio Jack support mic / headphone combo, 1 x RJ-45, 1 x DC-in
AUDIO & SPEAKERS	2x 2W Speaker, Microphone, Dolby Atmos®
KEYBOARD	Single Color Keyboard, Up to 1.7mm Key-travel
COMMUNICATIONS	Wi-Fi: Intel® Wi-Fi 6E Wireless (802.11ax 2x2) LAN: 1G Bluetooth: Bluetooth® V5.2
WEBCAM	FHD (1080p) Camera, Build-in array Microphone
POWER SUPPLY	150W AC Adapter
BATTERY	Li Polymer 76Wh
COLOR	Black Steel
BUILT-IN APPS	GiMATE
DIMENSIONS	35.83 (W) x 26.25 (D) x 1.94~2.29 (H) cm
WEIGHT	~2.2 kg (w/Battery, M.2 SSD)

