

# GIGABYTE GAMING A16



GA6H / GA6MH (IN ONLY)



## GAME IT ALL

GIGABYTE AI Laptops



Exclusive GIGABYTE Control Center with True Power of AI



**GiMATE**

Your Smart AI Mate



Smart Cooling



Privacy



Power



AI Generate

LLM Support

### 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



PD 3.0  
Charging

Over  
**12 Hrs**  
Battery Life

**GIGABYTE™**

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



# Product Gallery





# Product Specification

<b>MODEL</b>	<b>GIGABYTE GAMING A16 CMH</b>
<b>PROJECT NAME</b>	<b>GA6CMH</b>
<b>PROCESSOR OPTIONS</b>	Intel® Core™ i7-13620H Intel® Core™ i5-13420H
<b>OPERATING SYSTEM</b>	Windows® 11
<b>GRAPHICS</b>	NVIDIA® GeForce RTX™ 4050 Laptop GPU 6GB GDDR6 Max. TGP 75W* 194 AI TOPS (with Dynamic Boosts) Support MUX Switch *Subject to change based on NPI stage.
<b>DISPLAY</b>	16.0" Thin Bezel WUXGA 1920x1200 IPS-Level 165Hz Display (45% NTSC, 300 nits (Typical))
<b>SYSTEM MEMORY</b>	2x DDR5 Slots (Up to DDR5-5600, Up to 64GB) *Frequency will vary based on different CPU models.
<b>STORAGE OPTIONS</b>	2x M.2 SSD slots (Supports 2x PCIe Gen4x4 NVMe™ M.2 SSD, Up to 4TB)
<b>I/O PORT</b>	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
<b>AUDIO &amp; SPEAKERS</b>	2x 2W Speaker, Microphone, Dolby Atmos®
<b>KEYBOARD</b>	Single Color Keyboard, Up to 1.7mm Key-travel
<b>COMMUNICATIONS</b>	Wi-Fi: Intel® Wi-Fi 6E Wireless (802.11ax 2x2) LAN: 1G Bluetooth: Bluetooth® V5.2
<b>WEBCAM</b>	HD (720p) Camera, Build-in array Microphone
<b>POWER SUPPLY</b>	150W AC Adapter
<b>BATTERY</b>	Li Polymer 76Wh
<b>COLOR</b>	Black Steel
<b>BUILT-IN APPS</b>	GiMATE
<b>DIMENSIONS</b>	35.83 (W) x 26.25 (D) x 1.94~2.29 (H) cm / 14.10 (W) x 10.33 (D) x 0.76~0.90 (H) inch
<b>WEIGHT</b>	~2.2 kg (w/Battery, M.2 SSD) / ~4.85 lb





# Product Specification

MODEL	GIGABYTE GAMING A16 CWH	GIGABYTE GAMING A16 CVH	GIGABYTE GAMING A16 CTH
PROJECT NAME	GA6CWH	GA6CVH	GA6CTH
PROCESSOR OPTIONS	Intel® Core™ i7-13620H		Intel® Core™ i7-13620H Intel® Core™ i5-13420H
OPERATING SYSTEM	Windows® 11		
GRAPHICS	NVIDIA® GeForce RTX™ 5070 Laptop GPU 8GB GDDR7	NVIDIA® GeForce GN22-X4 Laptop GPU 8GB GDDR7	NVIDIA® GeForce GN22-X2 Laptop GPU 8GB GDDR7
	Max. TGP 80W* 798 AI TOPS (with Dynamic Boosts)	Max. TGP 80W* (with Dynamic Boosts) Support MUX Switch	Max. TGP 80W* (with Dynamic Boosts)
*Subject to change based on NPI stage.			
DISPLAY	16.0" Thin Bezel WQXGA 2560x1600 IPS-Level 165Hz Display (100% sRGB, 3ms, 400 nits (Typical)) 16.0" Thin Bezel WUXGA 1920x1200 IPS-Level 165Hz Display (45% NTSC, 300 nits (Typical))		
SYSTEM MEMORY	2x DDR5 Slots (Up to DDR5-5600, Up to 64GB) *Frequency will vary based on different CPU models.		
STORAGE OPTIONS	2x M.2 SSD slots (Supports 2x 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 ((Support N-Key)		
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 / 14.10 (W) x 10.33 (D) x 0.76~0.90 (H) inch		
WEIGHT	~2.2 kg (w/Battery, M.2 SSD) / ~4.85 lb		



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