

GIGABYTE GAMING A16 PRO DYHG5EECC4SH laptop Intel Core 7 240H 40.6 cm (16") Quad HD+ 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 5080 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : GIGABYTE

Product code: GAMING A16 PRO
DYHG5EECC4SH

Product name : GAMING A16 PRO DYHG5EECC4SH

GIGABYTE GAMING A16 PRO DYHG5EECC4SH. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core 7, Processor model: 240H. Display diagonal: 40.6 cm (16"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics, Discrete graphics card model: NVIDIA GeForce RTX 5080. Operating system installed: Windows 11 Home. Product colour: Black



Design		Graphics	
Product type *	Laptop	On-board graphics card model *	Intel® Graphics
Product colour *	Black	Audio	
Form factor *	Clamshell	Audio system	Dolby Atmos
Market positioning	Gaming	Number of built-in speakers	2
Country of origin	China	Speaker power	2 W
Display		Built-in microphone	✓
Display diagonal *	40.6 cm (16")	Camera	
Display resolution *	2560 x 1600 pixels	Front camera	✓
Touchscreen *	✗	Front camera resolution	1920 x 1080 pixels
HD type	Quad HD+	Front camera HD type	Full HD
Panel type	IPS	Infrared (IR) camera	✓
Native aspect ratio	16:10	Network	
Display brightness	400 cd/m²	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
RGB colour space	sRGB	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Colour gamut	100%	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 7	Bluetooth	✓
Processor generation	Intel Core (Series 2)	Bluetooth version	5.2
Processor model *	240H	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	5.2 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Performance cores	6	Ethernet LAN (RJ-45) ports	1
Efficient cores	4		
Performance-core Max Turbo Frequency	5.2 GHz		

Processor		Ports & interfaces	
Efficient-core Max Turbo Frequency	4 GHz	HDMI ports quantity *	1
Performance-core base frequency	2.5 GHz	HDMI version	2.1
Efficient-core base frequency	1.8 GHz	Combo headphone/mic port	✓
Processor cache	24 MB	USB Type-C DisplayPort Alternate Mode	✓
Processor cache type	Smart Cache		
Processor base power	45 W		
Maximum turbo power	115 W		
Memory		Performance	
Internal memory *	32 GB	Repairability index	6.9
Internal memory type	LPDDR5x-SDRAM		
Memory clock speed	5600 MHz		
Memory layout (slots x size)	2 x 16 GB		
Maximum internal memory *	32 GB		
Storage		Keyboard	
Total storage capacity *	1 TB	Pointing device	Touchpad
Storage media *	SSD	Numeric keypad *	✗
Total SSDs capacity	1 TB	Keyboard backlit	✓
Number of SSDs installed	1	Keyboard backlit colour	RGB
SSD capacity	1 TB	Keyboard backlit zone	1-zone RGB
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
Optical drive type *	✗		
Graphics		Software	
Discrete GPU manufacturer	NVIDIA	Operating system installed *	Windows 11 Home
Discrete graphics card model *	NVIDIA GeForce RTX 5080		
Discrete graphics card memory	16 GB		
Discrete graphics memory type	GDDR7		
On-board graphics card *	✓		
On-board GPU manufacturer	Intel		
Discrete graphics card *	✓		
On-board graphics card family	Intel® Graphics		
		Battery	
		Battery technology	Lithium Polymer (LiPo)
		Number of battery cells	4
		Battery capacity *	76 Wh
		Battery weight	275 g
		Power	
		AC adapter power	240 W
		AC adapter frequency	50 - 60 Hz
		AC adapter input voltage	100 - 240 V
		USB Type-C charging port *	✓
		USB Power Delivery (USB PD)	✓
		Weight & dimensions	
		Width	358.3 mm
		Depth	262.5 mm
		Height (front)	1.95 cm
		Height (rear)	2.3 cm
		Weight *	2.3 kg
		Packaging data	
		Package width	93 mm
		Package depth	419 mm
		Package height	320 mm
		Packaging content	
		AC adapter included *	✓
		Other features	
		Warranty period	2 year(s)



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