

GIGABYTE GAMING A16 PRO DYH Gaming Laptop - 16", 165Hz QHD, Intel Core 7 240H, NVIDIA RTX 5080, 32GB LPDDR5X 5600MHz, 1TB Gen4 SSD, Win11 Home, 2 Year Warranty, Dolby Atmos, GAMING A16 PRO DYHG5UKCC4SH

Brand : GIGABYTE

Product code: GAMING A16 PRO DYHG5UKCC4SH

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- Windows 11 Home
- NVIDIA GeForce RTX 5080 Laptop GPUs
- Intel Core 7 Processor 240H
- 16.0" 16:10 WQXGA (2560x1600) 165Hz IPS Display
- WINDFORCE Infinity EX Cooling system
- 12-hour battery and 180-degree lay-flat design
- Supports MUX Switch, Dolby Atmos, and Wi-Fi 6E

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The GAMING A16 PRO packs powerful NVIDIA RTX 50 Series GPU and Intel Core 7 Processor for smooth gaming and multitasking. Its 16" WQXGA 165Hz display delivers vibrant visuals, while a 12-hour battery and 180° hinge provide versatile use. With advanced WINDFORCE Infinity EX and GiMATE features, it ensures efficient performance for work and play.



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		
Performance cores	6		
Efficient cores	4		

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	5.2 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Efficient-core Max Turbo Frequency	4 GHz	Ethernet LAN (RJ-45) ports	1
Performance-core base frequency	2.5 GHz	HDMI ports quantity *	1
Efficient-core base frequency	1.8 GHz	HDMI version	2.1
Processor cache	24 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache	USB Type-C DisplayPort Alternate Mode	✓
Processor base power	45 W	Performance	
Maximum turbo power	115 W	Repairability index	6.9
Memory		Keyboard	
Internal memory *	32 GB	Pointing device	Touchpad
Internal memory type	LPDDR5x-SDRAM	Numeric keypad *	✗
Memory clock speed	5600 MHz	Keyboard backlit	✓
Memory layout (slots x size)	2 x 16 GB	Keyboard backlit colour	RGB
Maximum internal memory *	32 GB	Keyboard backlit zone	1-zone RGB
Storage		Software	
Total storage capacity *	1 TB	Operating system installed *	Windows 11 Home
Storage media *	SSD	Battery	
Total SSDs capacity	1 TB	Battery technology	Lithium Polymer (LiPo)
Number of SSDs installed	1	Number of battery cells	4
SSD capacity	1 TB	Battery capacity *	76 Wh
SSD interface	PCI Express 4.0	Battery weight	275 g
NVMe	✓	Power	
SSD form factor	M.2	AC adapter power	240 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
Graphics		AC adapter input voltage	100 - 240 V
Discrete GPU manufacturer	NVIDIA	USB Power Delivery (USB PD)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 5080	Weight & dimensions	
Discrete graphics card memory	16 GB	Width	358.3 mm
Discrete graphics memory type	GDDR7	Depth	262.5 mm
On-board graphics card *	✓	Height (front)	1.95 cm
On-board GPU manufacturer	Intel	Height (rear)	2.3 cm
Discrete graphics card *	✓	Weight *	2.3 kg
On-board graphics card family	Intel Graphics	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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