

GIGABYTE GAMING A16 PRO DYHG5DECC4SH laptop Intel Core 7 240H 40.6 cm (16") Quad HD+ 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA® GeForce RTX™ 5080 Laptop GPU Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : GIGABYTE

Product code: GAMING A16 PRO
DYHG5DECC4SH

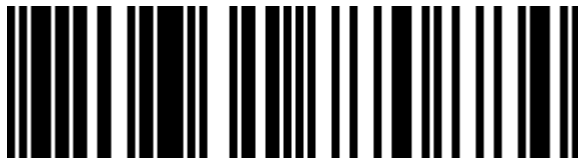
Product name : GAMING A16 PRO DYHG5DECC4SH

GIGABYTE GAMING A16 PRO DYHG5DECC4SH. 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 Laptop GPU. Operating system installed: Windows 11 Home. Product colour: Black



Design		Graphics	
Product type *	Laptop	On-board graphics card family	Intel® Graphics
Product colour *	Black	On-board graphics card model *	Intel® Graphics
Form factor *	Clamshell	Audio	
Market positioning	Gaming	Audio system	Dolby Atmos
Country of origin	China	Number of built-in speakers	2
Display		Speaker power	2 W
Display diagonal *	40.6 cm (16")	Built-in microphone	✓
Display resolution *	2560 x 1600 pixels	Camera	
Touchscreen *	✗	Front camera	✓
HD type	Quad HD+	Front camera resolution	1920 x 1080 pixels
Panel type	IPS	Front camera HD type	Full HD
Native aspect ratio	16:10	Infrared (IR) camera	✓
Display brightness	400 cd/m²	Network	
RGB colour space	sRGB	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Colour gamut	100%	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Maximum refresh rate	165 Hz	Mobile network connection *	✗
Processor		Antenna type	2x2
Processor manufacturer *	Intel	Ethernet LAN	✓
Processor family *	Intel Core 7	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor generation	Intel Core (Series 2)	Bluetooth	✓
Processor model *	240H	Bluetooth version	5.2
Processor cores	10	Ports & interfaces	
Processor threads	16	USB 2.0 ports quantity *	1
Processor boost frequency	5.2 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Performance cores	6	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Efficient cores	4		
Performance-core Max Turbo Frequency	5.2 GHz		

Processor		Ports & interfaces	
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	Keyboard	
Maximum turbo power	115 W	Pointing device	Touchpad
Memory		Numeric keypad *	✗
Internal memory *	32 GB	Keyboard backlit	✓
Internal memory type	LPDDR5x-SDRAM	Keyboard backlit colour	RGB
Memory clock speed	5600 MHz	Keyboard backlit zone	1-zone RGB
Memory layout (slots x size)	2 x 16 GB	Software	
Maximum internal memory *	32 GB	Operating system installed *	Windows 11 Home
Storage		Battery	
Total storage capacity *	1 TB	Battery technology	Lithium Polymer (LiPo)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	1 TB	Battery capacity *	76 Wh
Number of SSDs installed	1	Battery weight	275 g
SSD capacity	1 TB	Power	
SSD interface	PCI Express 4.0	AC adapter power	240 W
NVMe	✓	AC adapter frequency	50 - 60 Hz
SSD form factor	M.2	AC adapter input voltage	100 - 240 V
Optical drive type *	✗	USB Type-C charging port *	✓
Graphics		USB Power Delivery (USB PD)	✓
Discrete GPU manufacturer	NVIDIA	Weight & dimensions	
Discrete graphics card model *	NVIDIA® GeForce RTX™ 5080 Laptop GPU	Width	358.3 mm
Discrete graphics card memory	16 GB	Depth	262.5 mm
Discrete graphics memory type	GDDR7	Height (front)	1.95 cm
On-board graphics card *	✓	Height (rear)	2.3 cm
On-board GPU manufacturer	Intel	Weight *	2.3 kg
Discrete graphics card *	✓	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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