

GIGABYTE GAMING A18 PRO DYJG3DEBC4SH laptop Intel Core 7 240H 45.7 cm (18") WQXGA 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 A18 PRO DYJG3DEBC4SH

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GIGABYTE GAMING A18 PRO DYJG3DEBC4SH. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core 7, Processor model: 240H. Display diagonal: 45.7 cm (18"), HD type: WQXGA, 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	
Colour name	Titanium Black	On-board graphics card family	Intel® 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
Original brand name	GIGABYTE	Built-in microphone	✓
Display		Camera	
Display diagonal *	45.7 cm (18")	Front camera	✓
Display resolution *	2560 x 1600 pixels	Front camera resolution	1920 x 1080 pixels
Touchscreen *	✗	Front camera HD type	Full HD
HD type	WQXGA	Infrared (IR) camera	✓
Panel type	IPS	Network	
Native aspect ratio	16:10	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display brightness	300 cd/m²	Wi-Fi standards	Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
RGB colour space	DCI-P3	Mobile network connection *	✗
Colour gamut	100%	Antenna type	2x2
Display response rise/fall	3 ms	Ethernet LAN	✓
Maximum refresh rate	165 Hz	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor		Bluetooth	✓
Processor manufacturer *	Intel	Bluetooth version	5.3
Processor family *	Intel Core 7	Ports & interfaces	
Processor generation	Intel Core (Series 2)	USB 2.0 ports quantity *	1
Processor model *	240H	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor cores	10		
Processor threads	16		
Processor boost frequency	5.2 GHz		
Performance cores	6		

Processor		Ports & interfaces	
Efficient cores	4	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Performance-core Max Turbo Frequency	5.2 GHz	USB4 Gen 3x2 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	✓
L3 cache	16 MB	Keyboard	
L2 cache	8 MB	Pointing device	Touchpad
Processor base power	45 W	Numeric keypad *	✓
Maximum turbo power	115 W	Keyboard backlit	✓
Memory		Keyboard backlit colour	RGB
Internal memory *	32 GB	Keyboard backlit zone	1-zone RGB
Internal memory type	LPDDR5x-SDRAM	Software	
Memory clock speed	5600 MHz	Operating system installed *	Windows 11 Home
Memory layout (slots x size)	2 x 16 GB	Battery	
Memory slots	2x SO-DIMM	Battery technology	Lithium Polymer (LiPo)
Maximum internal memory *	64 GB	Number of battery cells	4
Storage		Battery capacity *	76 Wh
Total storage capacity *	1 TB	Battery weight	275 g
Storage media *	SSD	Power	
Total SSDs capacity	1 TB	AC adapter power	240 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	1 TB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	USB Type-C charging port *	✓
NVMe	✓	USB Power Delivery (USB PD)	✓
SSD form factor	M.2	Security	
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Graphics		Weight & dimensions	
Discrete GPU manufacturer	NVIDIA	Width	403.7 mm
Discrete graphics card model *	NVIDIA GeForce RTX 5080	Depth	293.4 mm
Discrete graphics card memory	16 GB	Height (front)	2 cm
Discrete graphics memory type	GDDR7	Height (rear)	2.5 cm
On-board graphics card *	✓	Weight *	2.9 kg
On-board GPU manufacturer	Intel	Packaging data	
Discrete graphics card *	✓	Package width	98 mm
		Package depth	419 mm
		Package height	320 mm
		Package weight	4.6 kg
		Packaging content	
		AC adapter included *	✓
		Other features	
		Warranty period	2 year(s)



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