

**GIGABYTE GAMING A18 3VHK3DEC64SH laptop AMD Ryzen™ 7 260
45.7 cm (18") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA
GeForce RTX 5060 Wi-Fi 6E (802.11ax) Windows 11 Home Black**

Brand : GIGABYTE

Product code: GAMING A18 3VHK3DEC64SH

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GIGABYTE GAMING A18 3VHK3DEC64SH. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 260, Processor frequency: 3.8 GHz. Display diagonal: 45.7 cm (18"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 780M. Operating system installed: Windows 11 Home. Product colour: Black



Design		Audio	
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Black	Speaker power	2 W
Form factor *	Clamshell	Built-in microphone	✓
Market positioning	Gaming	Camera	
Country of origin	China	Front camera	✓
Original brand name	GIGABYTE	Front camera resolution	1920 x 1080 pixels
Display		Front camera HD type	Full HD
Display diagonal *	45.7 cm (18")	Infrared (IR) camera	✓
Display resolution *	2560 x 1600 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
HD type	WQXGA	Wi-Fi standards	Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
Panel type	IPS	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
Display brightness	300 cd/m²	Ethernet LAN	✓
RGB colour space	DCI-P3	Ethernet LAN data rates	10,100,1000 Mbit/s
Colour gamut	100%	Bluetooth	✓
Display response rise/fall	3 ms	Bluetooth version	5.2
Maximum refresh rate	165 Hz	Ports & interfaces	
Processor		USB 2.0 ports quantity *	1
Processor manufacturer *	AMD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	AMD Ryzen™ 7	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor generation	AMD Ryzen 200 Series	USB4 Gen 3x2 ports quantity	1
Processor model *	260	Ethernet LAN (RJ-45) ports	1
Processor cores	8	HDMI ports quantity *	1
Processor threads	16		
Processor boost frequency	5.1 GHz		
Processor frequency *	3.8 GHz		
Processor cache type	L2 & L3		

Processor		Ports & interfaces	
L3 cache	16 MB	HDMI version	2.1
L2 cache	8 MB	Combo headphone/mic port	✓
Neural processor unit (NPU)		USB Type-C DisplayPort Alternate Mode	✓
Neural processor unit (NPU)	AMD Ryzen AI	Keyboard	
Total processor performance up to	38 TOPs	Pointing device	Touchpad
NPU performance up to	16 TOPs	Numeric keypad *	✓
Memory		Keyboard backlit	✓
Internal memory *	32 GB	Keyboard backlit colour	RGB
Internal memory type	DDR5-SDRAM	Keyboard backlit zone	1-zone RGB
Memory clock speed	5600 MHz	Software	
Memory layout (slots x size)	2 x 16 GB	Operating system installed *	Windows 11 Home
Memory slots	2x SO-DIMM	Battery	
Maximum internal memory *	64 GB	Battery technology	Lithium Polymer (LiPo)
Storage		Number of battery cells	4
Total storage capacity *	1 TB	Battery capacity *	76 Wh
Storage media *	SSD	Battery weight	275 g
Total SSDs capacity	1 TB	Power	
Number of SSDs installed	1	AC adapter power	150 W
SSD capacity	1 TB	AC adapter frequency	50 - 60 Hz
SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V
NVMe	✓	USB Type-C charging port *	✓
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
Optical drive type *	✗	Security	
Graphics		Trusted Platform Module (TPM)	✓
Discrete GPU manufacturer	NVIDIA	Weight & dimensions	
Discrete graphics card model *	NVIDIA GeForce RTX 5060	Width	403.7 mm
Discrete graphics card memory	8 GB	Depth	293.4 mm
Discrete graphics memory type	GDDR7	Height (front)	2 cm
On-board graphics card *	✓	Height (rear)	2.5 cm
On-board GPU manufacturer	AMD	Weight *	2.8 kg
Discrete graphics card *	✓	Packaging data	
On-board graphics card family	AMD Radeon Graphics	Package width	98 mm
On-board graphics card model *	AMD Radeon 780M	Package depth	419 mm
Audio		Package height	320 mm
Audio system	Dolby Atmos	Package weight	4.6 kg
		Packaging content	
		AC adapter included *	✓
		Other features	
		Warranty period	2 year(s)



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