

GIGABYTE AORUS MASTER 16 6YJM5DEE65SP laptop AMD Ryzen™ 9 9955HX3D 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA® GeForce RTX™ 5080 Laptop GPU Wi-Fi 7 (802.11be) Windows 11 Pro Black German

Brand : GIGABYTE

Product code: AORUS MASTER 16
6YJM5DEE65SP

Product name : AORUS MASTER 16 6YJM5DEE65SP

GIGABYTE AORUS MASTER 16 6YJM5DEE65SP. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 9, Processor model: 9955HX3D, Processor frequency: 2.5 GHz. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 610M. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Audio	
Colour name	5-degree Black	Number of built-in speakers	4
Product type *	Laptop	Speaker power	2 W
Product colour *	Black	Built-in microphone	✓
Form factor *	Clamshell	Camera	
Country of origin	Taiwan	Front camera	✓
Original brand name	GIGABYTE	Front camera resolution	1920 x 1080 pixels
Display		Front camera HD type	Full HD
Display diagonal *	40.6 cm (16")	Infrared (IR) camera	✓
Display resolution *	2560 x 1600 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
HD type	WQXGA	Wi-Fi standards	Wi-Fi 7 (802.11be)
Panel type	OLED	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
RGB colour space	DCI-P3	Ethernet LAN	✓
Colour gamut	100%	Ethernet LAN data rates	10,100,1000 Mbit/s
Maximum refresh rate	240 Hz	Bluetooth	✓
Contrast ratio (typical)	1000000:1	Bluetooth version	5.4
High Dynamic Range (HDR) supported	✓	Ports & interfaces	
High Dynamic Range (HDR) technology	DisplayHDR True Black 1000	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor manufacturer *	AMD	USB4 Gen 2x2 ports quantity	1
Processor family *	AMD Ryzen™ 9	Ethernet LAN (RJ-45) ports	1
Processor generation	AMD Ryzen 9000 Series	HDMI ports quantity *	1
Processor model *	9955HX3D	HDMI version	2.1
Processor cores	16	Combo headphone/mic port	✓
Processor threads	32		

Processor		Ports & interfaces	
Processor boost frequency	5.4 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor frequency *	2.5 GHz	Keyboard	
Processor cache type	L2 & L3	Pointing device	Touchpad
L3 cache	128 MB	Numeric keypad *	✗
L2 cache	16 MB	Keyboard backlit	✓
Memory		Keyboard backlit colour	RGB
Internal memory *	32 GB	Keyboard backlit zone	3-zone RGB
Internal memory type	DDR5-SDRAM	Keyboard language	German
Memory clock speed	5600 MHz	Software	
Memory layout (slots x size)	2 x 16 GB	Operating system installed *	Windows 11 Pro
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 *	2 TB	Battery capacity *	99 Wh
Storage media *	SSD	Battery weight	338 g
Total SSDs capacity	2 TB	Power	
Number of SSDs installed	2	AC adapter power	330 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	✓	DC-in jack	✓
SSD form factor	M.2	USB Type-C charging port *	✓
Optical drive type *	✗	USB Power Delivery (USB PD)	✓
Card reader integrated	✓	Security	
Compatible memory cards	MicroSD (TransFlash)	Trusted Platform Module (TPM)	✓
Graphics		Weight & dimensions	
Discrete GPU manufacturer	NVIDIA	Width	357.2 mm
Discrete graphics card model *	NVIDIA® GeForce RTX™ 5080 Laptop GPU	Depth	255.3 mm
Discrete graphics card memory	16 GB	Height (front)	1.9 cm
Discrete graphics memory type	GDDR7	Height (rear)	2.45 cm
On-board graphics card *	✓	Weight *	2.3 kg
On-board GPU manufacturer	AMD	Packaging data	
Discrete graphics card *	✓	Package width	108 mm
On-board graphics card family	AMD Radeon Graphics	Package depth	429 mm
On-board graphics card model *	AMD Radeon 610M	Package height	339 mm
NVIDIA G-SYNC	✓	Package weight	5.2 kg
Audio		Packaging content	
Audio system	Dolby Atmos	AC adapter included *	✓
		Other features	
		Warranty period	2 year(s)



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