

GIGABYTE AORUS ELITE 16 BWH Gaming Laptop - 16.0", 165Hz WQXGA, Intel Ultra 9 275HX, NVIDIA RTX 5070, 32GB DDR5 5600MHz, 2TB Gen4 SSD, Win 11 Home, 2 Year Warranty, Dolby Atmos, ELITE 16 BWHC3UKC65SH

Brand : GIGABYTE

Product family: AORUS

Product code: AORUS ELITE 16 BWHC3UKC65SH

Product name : AORUS ELITE 16 BWH Gaming Laptop - 16.0", 165Hz WQXGA, Intel Ultra 9 275HX, NVIDIA RTX 5070, 32GB DDR5 5600MHz, 2TB Gen4 SSD, Win 11 Home, 2 Year Warranty, Dolby Atmos, AORUS ELITE 16 BWHC3UKC65SH

- Windows 11
 - Intel Core Ultra 9 Processor, NPU inside to accelerate AI applications
 - NVIDIA GeForce RTX 5070 Laptop GPU
 - 16.0" 16:10 WQXGA (2560x1600) 165Hz QHD Display
 - 100% sRGB and Pantone Validated
 - WINDFORCE Infinity Cooling System
 - Advanced Optimus: DDS Technology
 - Dolby Vision and Dolby Atmos
 - Supports DDR5 Memory, Wi-Fi 7
- AORUS ELITE 16 BWH Gaming Laptop - 16.0", 165Hz WQXGA, Intel Ultra 9 275HX, NVIDIA RTX 5070, 32GB DDR5 5600MHz, 2TB Gen4 SSD, Win 11 Home, 2 Year Warranty, Dolby Atmos, AORUS ELITE 16 BWHC3UKC65SH

GIGABYTE AORUS ELITE 16 BWH Gaming Laptop - 16.0", 165Hz WQXGA, Intel Ultra 9 275HX, NVIDIA RTX 5070, 32GB DDR5 5600MHz, 2TB Gen4 SSD, Win 11 Home, 2 Year Warranty, Dolby Atmos, ELITE 16 BWHC3UKC65SH:

Powered by an Intel Core Ultra 275HX Series Processor, and NVIDIA GeForce RTX 50 Series Laptop GPU, the AORUS ELITE 16 gives you game-winning responsiveness and true-to-life graphics. Featuring a 165 Hz QHD display, a 16:10 screen ratio, Dolby Vision, Dolby Atmos, and Windforce Infinity cooling, it ensures immersive gameplay and the highest stability.



Design		Graphics	
Colour name	Gray Tide	On-board graphics card family	Intel Graphics
Product type *	Laptop	On-board graphics card model *	Intel Graphics
Product colour *	Grey	Audio	
Form factor *	Clamshell	Audio system	Dolby Atmos
Introduction year	2025	Number of built-in speakers	2
Country of origin	Taiwan	Speaker power	2 W
Original brand name	GIGABYTE	Built-in microphone	✓
Display		Camera	
Display diagonal *	40.6 cm (16")	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 7 (802.11be)
Display brightness	400 cd/m²	Wi-Fi standards	Wi-Fi 7 (802.11be)
RGB colour space	sRGB	Mobile network connection *	✗
Colour gamut	100%	Antenna type	2x2
Maximum refresh rate	165 Hz	Ethernet LAN	✓
Processor		Ethernet LAN data rates	10,1000 Mbit/s
Processor manufacturer *	Intel	Bluetooth	✓
Processor family *	Intel Core Ultra 9		

Processor		Network	
Processor generation	Intel Core Ultra (Series 2)	Bluetooth version	5.4
Processor model *	275HX	Ports & interfaces	
Processor cores	24	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor threads	24	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	5.4 GHz	HDMI ports quantity *	1
Performance cores	8	HDMI version	2.1
Efficient cores	16	Thunderbolt 4 ports quantity	1
Performance-core Max Turbo Frequency	5.4 GHz	Thunderbolt 5 ports quantity	1
Efficient-core Max Turbo Frequency	4.6 GHz	Intel® Thunderbolt 4	✓
Performance-core base frequency	2.7 GHz	Intel® Thunderbolt 5	✓
Efficient-core base frequency	2.1 GHz	Combo headphone/mic port	✓
Processor cache	36 MB	USB Type-C DisplayPort Alternate Mode	✓
Processor base power	55 W	Keyboard	
Maximum turbo power	160 W	Pointing device	Touchpad
Neural processor unit (NPU)		Numeric keypad *	✗
Neural processor unit (NPU)	Intel AI Boost	Keyboard backlit	✓
Sparsity support	✓	Keyboard backlit colour	RGB
Windows Studio effects support	✓	Keyboard backlit zone	3-zone RGB
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Software	
Total processor performance up to	36 TOPs	Operating system installed *	Windows 11 Home
NPU performance up to	13 TOPs	Battery	
GPU performance up to	8 TOPs	Battery technology	Lithium Polymer (LiPo)
Memory		Number of battery cells	4
Internal memory *	32 GB	Battery capacity *	99 Wh
Internal memory type	DDR5-SDRAM	Battery weight	338 g
Memory clock speed	5600 MHz	Power	
Memory layout (slots x size)	2 x 16 GB	AC adapter power	240 W
Memory slots	2x SO-DIMM	AC adapter frequency	50 - 60 Hz
Maximum internal memory *	64 GB	AC adapter input voltage	100 - 240 V
Storage		DC-in jack	✓
Total storage capacity *	2 TB	USB Type-C charging port *	✓
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	2 TB	Security	
Number of SSDs installed	2	Windows Hello	✓
SSD capacity	1 TB	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM) version	2.0
NVMe	✓	Weight & dimensions	
SSD form factor	M.2	Width	357 mm
Optical drive type *	✗	Depth	254 mm
Card reader integrated	✓	Height (front)	2 cm
Compatible memory cards	MicroSD (TransFlash)	Height (rear)	2.6 cm
Graphics		Weight *	2.3 kg
Discrete GPU manufacturer	NVIDIA	Packaging data	
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Package width	92 mm
Discrete graphics card memory	8 GB	Package depth	417 mm
Discrete graphics memory type	GDDR7	Package height	310 mm
On-board graphics card *	✓	Package weight	5.2 kg
On-board GPU manufacturer	Intel	Packaging content	
Discrete graphics card *	✓	AC adapter included *	✓
		Number of batteries	1
		Logistics data	
		Products per shipping (inner) case	1 pc(s)

Other features

Batteries included	✓
Warranty period	2 year(s)



4719331763886

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.