

Gigabyte AERO 16 OLED BSF Creator & Gaming Laptop - 16.0 Inch, 60Hz UHD+, i7-13620H, RTX 4070 GPU, 16GB DDR5 4800MHz, 1TB Gen4 SDD, Win 11 Home, 2 Year Warranty, AERO 16 OLED BSF-H3UK954SH

Brand : Gigabyte

Product code: AERO 16 OLED BSF-H3UK954SH

Product name : AERO 16 OLED BSF Creator & Gaming Laptop - 16.0 Inch, 60Hz UHD+, i7-13620H, RTX 4070 GPU, 16GB DDR5 4800MHz, 1TB Gen4 SDD, Win 11 Home, 2 Year Warranty, AERO 16 OLED BSF-H3UK954SH

Intel Core i7-13620H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") UHD+ 3840 x 2400 OLED, Intel UHD Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home

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Inspiring creativity with the AERO 16 OLED. The 16:10 thin-bezel 4K+ OLED screen maximizes the workspace and displays real-to-life visuals under 100% DCI-P3 and VESA Display HDR 600 TrueBlack certification. Dual color certification of X-Rite and Pantone calibration ensures the best color accuracy of the AERO 16 OLED. The laptop also improves your work efficiency with the 13th gen Intel Core processors, NVIDIA GeForce RTX 40 Laptop GPU series and Microsoft 365 bundled. Designed with a thin and light chassis, type-c charging, and Wi-Fi 6E Technology, the AERO 16 OLED allows you to unleash your creativity anytime, anywhere.



Design		Audio	
Colour name	Twilight Silver	Audio system	DTS:X Ultra
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Silver	Speaker power	2 W
Form factor *	Clamshell	Built-in microphone	✓
Country of origin	Taiwan	Camera	
Display		Front camera	✓
Display diagonal *	40.6 cm (16")	Front camera HD type	Full HD
Display resolution *	3840 x 2400 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
HD type	UHD+	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Panel type	OLED	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
RGB colour space	DCI-P3	WLAN controller model	Intel Wi-Fi 6E AX210
Colour gamut	100%	WLAN controller manufacturer	Intel
Maximum refresh rate	60 Hz	Ethernet LAN	✓
High Dynamic Range (HDR) supported	✓	Bluetooth	✓
High Dynamic Range (HDR) technology	HDR True Black 500	Bluetooth version	5.2
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor family *	Intel® Core™ i7	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor generation	13th gen Intel® Core™ i7	HDMI ports quantity *	1
Processor model *	i7-13620H	HDMI version	2.1
Processor cores	10	Thunderbolt 4 ports quantity	2
Processor boost frequency	4.9 GHz	Intel® Thunderbolt 4	✓
Performance cores	6	Combo headphone/mic port	✓
Efficient cores	4		

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	4.9 GHz	Charging port type	DC-in jack
Efficient-core Max Turbo Frequency	3.6 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor cache	24 MB	Keyboard	
Processor cache type	Smart Cache	Pointing device	Touchpad
Processor base power	45 W	Numeric keypad *	✗
Maximum turbo power	115 W	Keyboard backlit	✓
Memory		Keyboard backlit colour	White
Internal memory *	16 GB	Software	
Internal memory type	DDR5-SDRAM	Operating system installed *	Windows 11 Home
Memory clock speed	4800 MHz	Battery	
Memory layout (slots x size)	2 x 8 GB	Battery technology	Lithium Polymer (LiPo)
Memory slots	2x SO-DIMM	Battery capacity *	88 Wh
Maximum internal memory *	64 GB	Battery weight	327 g
Storage		Power	
Total storage capacity *	1 TB	AC adapter power	240 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	1 TB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	Security	
SSD capacity	1 TB	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 4.0	Weight & dimensions	
NVMe	✓	Width	354 mm
SSD form factor	M.2	Depth	255 mm
Optical drive type *	✗	Height (front)	1.8 cm
Card reader integrated	✓	Height (rear)	2.2 cm
Compatible memory cards	MicroSD (TransFlash)	Weight *	1.9 kg
Graphics		Packaging data	
Discrete GPU manufacturer	NVIDIA	Package width	74 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Package depth	567 mm
On-board graphics card *	✓	Package height	403 mm
On-board GPU manufacturer	Intel	Package weight	4.19 kg
Discrete graphics card *	✓	Packaging content	
On-board graphics card family	Intel® UHD Graphics	Number of batteries	1
On-board graphics card model *	Intel® UHD Graphics	Logistics data	
Discrete graphics card memory	8 GB	Products per shipping (inner) case	1 pc(s)
Discrete graphics memory type	GDDR6	Other features	
		Batteries included	✓
		Warranty period	2 year(s)



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Publication date: 08-APR-2024. Prints or copies of Information are only valid on the printed Publication date