

Gigabyte AERO 16 BSF OLED-A3UK964SQ Intel® Core™ i9 i9-13900H Laptop 40.6 cm (16") 4K Ultra HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Silver

Brand : Gigabyte

Product family: AERO

Product code: AERO 16 BSF OLED-A3UK964SQ

Product name : 16 BSF OLED-A3UK964SQ



- Windows 11 Home

- Intel Core i9-13900H (24MB Cache)

- 40.6 cm (16") 4K Ultra HD 3840 x 2160 OLED, NVIDIA GeForce RTX 4070 (8GB GDDR6)

- 16GB DDR5-SDRAM & 1000GB SSD

Intel Core i9-13900H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") 4K Ultra HD 3840 x 2160 OLED, Intel Iris Xe Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home

Gigabyte AERO 16 BSF OLED-A3UK964SQ. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13900H. Display diagonal: 40.6 cm (16"), HD type: 4K Ultra HD, Display resolution: 3840 x 2160 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4070. Operating system installed: Windows 11 Home. Product colour: Silver



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	✓
Display		Camera	
Display diagonal *	40.6 cm (16")	Front camera	✓
Display resolution *	3840 x 2160 pixels	Front camera HD type	Full HD
Touchscreen *	✗	Network	
HD type	4K Ultra HD	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Panel type	OLED	Wi-Fi standards	Wi-Fi 6E (802.11ax)
RGB colour space	DCI-P3	Mobile network connection *	✗
Colour gamut	100%	Antenna type	2x2
Maximum refresh rate	60 Hz	Ethernet LAN	✓
High Dynamic Range (HDR) supported	✓	Bluetooth	✓
High Dynamic Range (HDR) technology	HDR True Black 600	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™ i9	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor generation	13th gen Intel® Core™ i9	HDMI ports quantity *	1
Processor model *	i9-13900H	HDMI version	2.1
Processor cores	14	Thunderbolt 4 ports quantity	2
Processor boost frequency	5.4 GHz	Intel® Thunderbolt 4	✓
Efficient-core boost frequency	4.1 GHz	Combo headphone/mic port	✓
Processor cache	24 MB	Charging port type	DC-in jack
Processor cache type	Smart Cache	Keyboard	
Configurable TDP-down	35 W	Pointing device	Touchpad
Processor base power	45 W		

Processor		Keyboard	
Maximum turbo power	115 W	Numeric keypad *	✗
Memory		Keyboard backlit	✓
Internal memory *	16 GB	Keyboard backlit colour	White
Internal memory type	DDR5-SDRAM	Software	
Maximum internal memory *	64 GB	Operating system installed *	Windows 11 Home
Storage		Processor special features	
Total storage capacity *	1 TB	Intel Flex Memory Access	✓
Storage media *	SSD	Intel Trusted Execution Technology	✓
Total SSDs capacity	1 TB	Intel VT-x with Extended Page Tables (EPT)	✓
Number of SSDs installed	1	Intel Stable Image Platform Program (SIPP)	✓
SSD capacity	1 TB	Execute Disable Bit	✓
SSD interface	PCI Express 4.0	CPU configuration (max)	1
NVMe	✓	Embedded options available	✗
SSD form factor	M.2	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	✗	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓	Battery	
Compatible memory cards	MicroSD (TransFlash)	Battery technology	Lithium Polymer (LiPo)
Graphics		Battery capacity *	88 Wh
Discrete GPU manufacturer	NVIDIA	Power	
Discrete graphics card model *	NVIDIA GeForce RTX 4070	AC adapter power	240 W
Discrete graphics card memory	8 GB	Weight & dimensions	
Discrete graphics memory type	GDDR6	Width	354 mm
On-board graphics card *	✓	Depth	255 mm
On-board GPU manufacturer	Intel	Height	22.2 mm
Discrete graphics card *	✓	Weight *	2.1 kg
On-board graphics card model *	Intel Iris Xe Graphics		

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.

Publication date: 09-MAY-2024. Prints or copies of Information are only valid on the printed Publication date