

# 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		

<b>Processor</b>		<b>Keyboard</b>	
Maximum turbo power	115 W	Numeric keypad *	✗
<b>Memory</b>		Keyboard backlit	✓
Internal memory *	16 GB	Keyboard backlit colour	White
Internal memory type	DDR5-SDRAM	<b>Software</b>	
Maximum internal memory *	64 GB	Operating system installed *	Windows 11 Home
<b>Storage</b>		<b>Processor special features</b>	
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	✓	<b>Battery</b>	
Compatible memory cards	MicroSD (TransFlash)	Battery technology	Lithium Polymer (LiPo)
<b>Graphics</b>		Battery capacity *	88 Wh
Discrete GPU manufacturer	NVIDIA	<b>Power</b>	
Discrete graphics card model *	NVIDIA GeForce RTX 4070	AC adapter power	240 W
Discrete graphics card memory	8 GB	<b>Weight &amp; dimensions</b>	
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		

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