

Gigabyte AERO 16 BSF OLED-73UK994SO Intel® Core™ i7 i7-13700H Laptop 40.6 cm (16") UHD+ 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-73UK994SO



Product name : 16 BSF
OLED-73UK994SO

- Windows 11 Home
- Intel Core i7-13700H (24MB Cache)
- 40.6 cm (16") UHD+ 3840 x 2400 OLED, NVIDIA GeForce RTX 4070 (8GB GDDR6)
- 16GB (4800MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD
Intel Core i7-13700H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") UHD+ 3840 x 2400 OLED, Intel Iris Xe Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home
Gigabyte AERO 16 BSF OLED-73UK994SO. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13700H. Display diagonal: 40.6 cm (16"), HD type: UHD+, Display resolution: 3840 x 2400 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		Graphics	
Colour name	Twilight Silver	On-board graphics card model *	Intel Iris Xe Graphics
Product type *	Laptop	Audio	
Product colour *	Silver	Audio system	DTS:X Ultra
Form factor *	Clamshell	Number of built-in speakers	2
Display		Speaker power	2 W
Display diagonal *	40.6 cm (16")	Built-in microphone	✓
Display resolution *	3840 x 2400 pixels	Camera	
Touchscreen *	✗	Front camera	✓
HD type	UHD+	Front camera HD type	Full HD
Panel type	OLED	Network	
RGB colour space	DCI-P3	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Colour gamut	100%	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Maximum refresh rate	60 Hz	Mobile network connection *	✗
High Dynamic Range (HDR) supported	✓	Antenna type	2x2
High Dynamic Range (HDR) technology	HDR True Black 600	Ethernet LAN	✓
Processor		Bluetooth	✓
Processor manufacturer *	Intel	Bluetooth version	5.2
Processor family *	Intel® Core™ i7	Ports & interfaces	
Processor generation	13th gen Intel® Core™ i7	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor model *	i7-13700H	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor cores	14	HDMI ports quantity *	1
Processor boost frequency	5 GHz	HDMI version	2.1
Efficient-core boost frequency	3.7 GHz	Thunderbolt 4 ports quantity	2
Processor cache	24 MB	Intel® Thunderbolt 4	✓
Processor cache type	Smart Cache	Combo headphone/mic port	✓
Configurable TDP-down	35 W	Charging port type	DC-in jack
Processor base power	45 W		

Processor		Keyboard	
Maximum turbo power	115 W	Pointing device	Touchpad
Memory		Numeric keypad *	✗
Internal memory *	16 GB	Keyboard backlit	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit colour	White
Memory clock speed	4800 MHz	Software	
Memory layout (slots x size)	2 x 8 GB	Operating system installed *	Windows 11 Home
Maximum internal memory *	64 GB	Processor special features	
Storage		Intel Flex Memory Access	✓
Total storage capacity *	1 TB	Intel Trusted Execution Technology	✓
Storage media *	SSD	Intel VT-x with Extended Page Tables (EPT)	✓
Total SSDs capacity	1 TB	Execute Disable Bit	✓
Number of SSDs installed	1	CPU configuration (max)	1
SSD capacity	1 TB	Embedded options available	✗
SSD interface	PCI Express 4.0	Intel Virtualization Technology for Directed I/O (VT-d)	✓
NVMe	✓	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	✗	Battery	
Card reader integrated	✓	Battery technology	Lithium Polymer (LiPo)
Compatible memory cards	MicroSD (TransFlash)	Battery capacity *	88 Wh
Graphics		Power	
Discrete GPU manufacturer	NVIDIA	AC adapter power	240 W
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Weight & dimensions	
Discrete graphics card memory	8 GB	Width	354 mm
Discrete graphics memory type	GDDR6	Depth	255 mm
On-board graphics card *	✓	Height	22.2 mm
On-board GPU manufacturer	Intel	Weight *	2.1 kg
Discrete graphics card *	✓		

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Publication date: 10-MAY-2024. Prints or copies of Information are only valid on the printed Publication date