GIGABYTE

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	
Colour name	Twilight Silver
Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	3840 x 2400 pixels
Touchscreen *	✗
HD type	UHD+
Panel type	OLED
RGB colour space	DCI-P3
Colour gamut	100%
Maximum refresh rate	60 Hz
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	HDR True Black 600

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	13th gen Intel® Core™ i7
Processor model *	i7-13700H
Processor cores	14
Processor boost frequency	5 GHz
Efficient-core boost frequency	3.7 GHz
Processor cache	24 MB
Processor cache type	Smart Cache
Configurable TDP-down	35 W
Processor base power	45 W

Graphics	
On-board graphics card model *	Intel Iris Xe Graphics

Audio	
Audio system	DTS:X Ultra
Number of built-in speakers	2
Speaker power	2 W
Built-in microphone	✓

Camera	
Front camera	✓
Front camera HD type	Full HD

Network	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✗
Antenna type	2x2
Ethernet LAN	✓
Bluetooth	✓
Bluetooth version	5.2

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✓
Combo headphone/mic port	✓
Charging port type	DC-in jack

Processor	
Maximum turbo power	115 W

Memory	
Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	4800 MHz
Memory layout (slots x size)	2 x 8 GB
Maximum internal memory *	64 GB

Storage	
Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✓
Optical drive type *	✗
Card reader integrated	✓
Compatible memory cards	MicroSD (TransFlash)

Graphics	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4070
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✓
On-board GPU manufacturer	Intel
Discrete graphics card *	✓

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✗
Keyboard backlit	✓
Keyboard backlit colour	White

Software	
Operating system installed *	Windows 11 Home

Processor special features	
Intel Flex Memory Access	✓
Intel Trusted Execution Technology	✓
Intel VT-x with Extended Page Tables (EPT)	✓
Execute Disable Bit	✓
CPU configuration (max)	1
Embedded options available	✗
Intel Virtualization Technology for Directed I/O (VT-d)	✓
Intel Virtualization Technology (VT-x)	✓

Battery	
Battery technology	Lithium Polymer (LiPo)
Battery capacity *	88 Wh

Power	
AC adapter power	240 W

Weight & dimensions	
Width	354 mm
Depth	255 mm
Height	22.2 mm
Weight *	2.1 kg

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