GIGABYTE

GIGABYTE AORUS 15 BKG-13US754SH laptop Intel Core Ultra 7 155H 39.6 cm (15.6") Quad HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Black



Brand : GIGABYTE

Product code: AORUS 15 BKG-13US754SH

Product name : AORUS 15 BKG-13US754SH

- Windows 11 Home
- Intel Core Ultra 7 155H (24MB Cache)
- 39.6 cm (15.6") Quad HD 2560 x 1440, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 16GB (5600MHz) DDR5-SDRAM & 1000GB SSD

Intel Core Ultra 7 155H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") Quad HD 2560 x 1440, Intel Arc Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home

GIGABYTE AORUS 15 BKG-13US754SH. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 39.6 cm (15.6"), HD type: Quad HD, Display resolution: 2560 x 1440 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4060. Operating system installed: Windows 11 Home. Product colour: Black



Design	
Colour name	Shadow Black
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Introduction year	2024

Display	
Display diagonal *	39.6 cm (15.6")
Display resolution *	2560 x 1440 pixels
Touchscreen *	✗
HD type	Quad HD
Native aspect ratio	16:9
RGB colour space	sRGB
Colour gamut	100%
Maximum refresh rate	165 Hz

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor generation	Intel® Core™ Ultra (Series 1)
Processor model *	155H
Processor cores	16
Processor boost frequency	4.8 GHz
Performance cores	6
Efficient cores	8
Performance-core Max Turbo Frequency	4.8 GHz
Efficient-core Max Turbo Frequency	3.8 GHz
Performance-core base frequency	1.4 GHz
Efficient-core base frequency	0.9 GHz

Graphics	
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✓
On-board GPU manufacturer	Intel
Discrete graphics card *	✓
On-board graphics card family	Intel Arc Graphics
On-board graphics card model *	Intel Arc Graphics

Audio	
Audio system	Dolby Atmos
Number of built-in speakers	2
Speaker power	2 W
Built-in microphone	✓

Camera	
Front camera	✓
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Infrared (IR) camera	✓

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	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✓
Bluetooth version	5.2

Processor	
Processor cache	24 MB
Processor cache type	Smart Cache
Processor base power	28 W
Maximum turbo power	115 W

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Maximum frequency NPU	1.4 GHz
Sparsity support	✔
Windows Studio effects support	✔
AI datatype support on NPU	FP16, FP32, Int8
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML

Memory	
Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory slots	2x SO-DIMM
Maximum internal memory *	64 GB

Storage	
Total storage capacity *	1 TB
Storage media *	SSD
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✘

Graphics	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4060

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-A ports quantity	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Mini DisplayPorts quantity	1
Thunderbolt 4 ports quantity	1
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✘
Keyboard backlit	✔
Keyboard backlit colour	RGB
Keyboard backlit zone	3-zone RGB

Software	
Operating system installed *	Windows 11 Home

Battery	
Battery technology	Lithium Polymer (LiPo)
Battery capacity *	99 Wh

Power	
AC adapter power	240 W
DC-in jack	✔

Weight & dimensions	
Width	360 mm
Depth	272 mm
Height	20.9 mm
Weight *	2.39 kg

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