

## ASUS TUF Gaming F16 FX608JHR-DS74 Intel® Core™ i7 i7-14650HX Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA® GeForce RTX™ 5050 Wi-Fi 6E (802.11ax) Windows 11 Home Grey



**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90NR0NA1-M000J0

**Product name :** FX608JHR-DS74

- Windows 11 Home 64-bit
- Intel Core i7-14650HX (30MB Cache)
- 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, NVIDIA GeForce RTX 5050 (8GB GDDR7)
- 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD

Intel Core i7-14650HX (30MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, Intel UHD Graphics, NVIDIA GeForce RTX 5050 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming F16 FX608JHR-DS74 Intel® Core™ i7 i7-14650HX Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA® GeForce RTX™ 5050 Wi-Fi 6E (802.11ax) Windows 11 Home Grey:

### Serious gaming specs

As a member of the TUF Gaming family, the F16 boasts some seriously impressive specs, giving you access to the very best of gaming on Windows 11. Featuring up to an Intel® Core™ Ultra 9 processor 275HX and up to an NVIDIA® GeForce RTX™ 5070 Laptop GPU, the F16 can easily play the latest games or keep your workflow on schedule. Paired with up to 32GB of DDR5 5600MHz memory per slot and up to 4TB of expandable PCIe Gen 4 storage, this little machine is ready for anything, right out of the box.

Design		Graphics	
Colour name	Jaeger Gray	NVIDIA G-SYNC	✓
Product type *	Laptop	<b>Audio</b>	
Product colour *	Grey	Audio system	Dolby Atmos
Form factor *	Clamshell	Number of built-in speakers	2
Market positioning	Gaming	Built-in microphone	✓
Introduction year	2025	<b>Camera</b>	
<b>Display</b>		Front camera	✓
Display diagonal *	40.6 cm (16")	Front camera resolution	1920 x 1080 pixels
Display resolution *	1920 x 1200 pixels	Front camera HD type	Full HD
Touchscreen *	✗	Infrared (IR) camera	✓
HD type	WUXGA	<b>Network</b>	
Panel type	IPS-Level	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Native aspect ratio	16:10	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Anti-glare screen	✓	Mobile network connection *	✗
RGB colour space	sRGB	Antenna type	2x2
Colour gamut	100%	Ethernet LAN	✓
Maximum refresh rate	165 Hz	Ethernet LAN data rates	10,100,1000 Mbit/s
<b>Processor</b>		Bluetooth	✓
Processor manufacturer *	Intel	Bluetooth version	5.3
Processor family *	Intel® Core™ i7	<b>Ports &amp; interfaces</b>	
Processor generation	Intel® Core™ i7 (14th gen)	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Processor model *	i7-14650HX	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor cores	16	Ethernet LAN (RJ-45) ports	1
Processor threads	24	HDMI ports quantity *	1
Processor boost frequency	5.2 GHz	HDMI version	2.1
Performance cores	8	Thunderbolt 4 ports quantity	1
Efficient cores	8		
Performance-core Max Turbo Frequency	5.2 GHz		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Efficient-core Max Turbo Frequency	3.7 GHz	Intel® Thunderbolt 4	✓
Performance-core base frequency	2.2 GHz	Combo headphone/mic port	✓
Efficient-core base frequency	1.6 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor cache	30 MB		
Processor cache type	Smart Cache		
Processor base power	55 W		
Maximum turbo power	157 W		
<b>Memory</b>		<b>Performance</b>	
Internal memory *	16 GB	Motherboard chipset	Intel HM770 Express
Internal memory type	DDR5-SDRAM		
Memory clock speed	5600 MHz		
Memory form factor	SO-DIMM		
Memory layout (slots x size)	2 x 8 GB		
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB		
Memory channels	Dual-channel		
<b>Storage</b>		<b>Keyboard</b>	
Total storage capacity *	1 TB	Pointing device	Touchpad
Storage media *	SSD	Numeric keypad *	✓
Total SSDs capacity	1 TB	Keyboard backlit	✓
Number of SSDs installed	1	Keyboard backlit colour	RGB
SSD capacity	1 TB	Keyboard backlit zone	1-zone RGB
SSD interface	PCI Express 4.0	Copilot key	✓
NVMe	✓		
SSD form factor	M.2		
Optical drive type *	✗		
Card reader integrated	✗		
<b>Graphics</b>		<b>Software</b>	
Discrete GPU manufacturer	NVIDIA	Operating system architecture	64-bit
Discrete graphics card model *	NVIDIA® GeForce RTX™ 5050	Microsoft Copilot	✓
Discrete graphics card memory	8 GB	Operating system installed *	Windows 11 Home
Discrete graphics memory type	GDDR7		
On-board graphics card *	✓		
On-board GPU manufacturer	Intel		
Discrete graphics card *	✓		
On-board graphics card family	Intel® UHD Graphics		
On-board graphics card model *	Intel® UHD Graphics		
		<b>Battery</b>	
		Battery technology	Lithium-Ion (Li-Ion)
		Number of battery cells	4
		Battery capacity *	90 Wh
		<b>Power</b>	
		AC adapter power	280 W
		AC adapter frequency	50 - 60 Hz
		AC adapter input voltage	100 - 240 V
		AC adapter output current	14 A
		AC adapter output voltage	20 V
		USB Type-C charging port *	✓
		USB Power Delivery (USB PD)	✓
		<b>Security</b>	
		Cable lock slot	✓
		Cable lock slot type	Kensington
		Face recognition	✓
		Windows Hello	✓
		Password protection	✓
		Password protection type	BIOS, User
		<b>Weight &amp; dimensions</b>	
		Width	354 mm
		Depth	269 mm
		Height (front)	1.79 cm
		Height (rear)	2.73 cm
		Weight *	2.2 kg
		<b>Packaging content</b>	
		AC adapter included *	✓



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### Catalog Object Cloud



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