

# ASUS ROG G22CH -71470F047W Intel® Core™ i7 i7-14700F 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4070 SUPER Windows 11 Home SFF PC Black, Grey

**Brand :** ASUS

**Product family:** ROG

**Product code:** 90PF03T2-M01990

**Product name :**  
G22CH-71470F047W

- Windows 11 Home 64-bit
- Intel Core i7-14700F (33MB Cache)
- NVIDIA GeForce RTX 4070 SUPER (12GB GDDR6X)
- 32GB DDR5-SDRAM (2 x 16) & 2000GB SSD

Intel Core i7-14700F (33MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, NVIDIA GeForce RTX 4070 SUPER (12GB GDDR6X), LAN, WLAN, Bluetooth, Windows 11 Home 64-bit

ASUS ROG G22CH -71470F047W. Processor family: Intel® Core™ i7, Processor model: i7-14700F.

Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. Discrete graphics card model: NVIDIA GeForce RTX 4070 SUPER. Wi-Fi. Operating system installed: Windows 11 Home, Operating system architecture: 64-bit. Power supply: 600 W. Chassis type: SFF. Product type: PC. Weight: 8.4 kg. Product colour: Black, Grey



Processor		Network	
Processor manufacturer *	Intel	Antenna type	2x2
Processor family *	Intel® Core™ i7	Bluetooth	✓
Processor generation	Intel® Core™ i7 (14th gen)	Bluetooth version	5.3
Processor model *	i7-14700F	Ports & interfaces	
Processor cores	20	USB 2.0 ports quantity *	2
Processor threads	28	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor boost frequency	5.4 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Performance cores	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Efficient cores	12	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	5.3 GHz	HDMI version	2.0a
Efficient-core Max Turbo Frequency	4.2 GHz	Ethernet LAN (RJ-45) ports	1
Performance-core base frequency	2.1 GHz	Line-out	✓
Efficient-core base frequency	1.5 GHz	Line-in	✓
Processor cache	33 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache	Expansion slots	
Processor base power	65 W	PCI Express x16 (Gen 4.x) slots	1
Maximum turbo power	219 W	Design	
Memory		Chassis type *	SFF
Internal memory *	32 GB	Colour name	Extreme Dark Gray
Maximum internal memory *	32 GB	Volume	10 L
Internal memory type	DDR5-SDRAM		
Memory layout (slots x size)	2 x 16 GB		
Memory slots	2x SO-DIMM		

Storage		Design	
Total storage capacity *	2 TB	Water cooling system	✓
Storage media *	SSD	Product colour *	Black, Grey
Optical drive type *	✗	Country of origin	China
Total SSDs capacity	2 TB	Performance	
Number of SSDs installed	2	Market positioning	Gaming
SSD capacity	1 TB	Motherboard chipset	Intel B760
SSD interface	PCI Express 4.0	Audio system	High Definition Audio
NVMe	✓	Audio output channels	7.1 channels
SSD form factor	M.2	Product type *	PC
Graphics		Software	
Discrete graphics card *	✓	Operating system installed *	Windows 11 Home
Discrete GPU manufacturer	NVIDIA	Operating system architecture	64-bit
On-board graphics card *	✗	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Discrete graphics card model *	NVIDIA GeForce RTX 4070 SUPER	Power	
Discrete graphics card memory	12 GB	Power supply *	600 W
Discrete graphics memory type	GDDR6X	80 PLUS certification	80 PLUS Gold
On-board graphics card model *	Not available	Certificates	
Graphics card HDMI ports quantity	1	Compliance certificates	REACH
Graphics card DisplayPorts quantity	3	Sustainability	
Network		Sustainability compliance	✓
Ethernet LAN *	✓	Weight & dimensions	
Ethernet LAN data rates	10,100,1000,2500 Mbit/s	Width *	115 mm
LAN controller	Dragon RTL8125BG	Depth *	323 mm
Wi-Fi *	✓	Height *	286.9 mm
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Weight *	8.4 kg
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Package width	480 mm
		Package depth	240 mm
		Package height	562 mm
		Package weight	13.6 kg
		Packaging content	
		Display included *	✗
		Other features	
		Commodity Classification Automated Tracking System (CCATS)	8471500000



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