



ASUS ROG Strix G16CH-71370F049W Intel® Core™ i7 i7-13700F 16 GB DDR4-SDRAM 1 TB SSD NVIDIA GeForce RTX 3070 Windows 11 Home Midi Tower PC Black, Grey

Brand : ASUS

Product family: ROG

Product code: 90PF03W2-M00BLO

Product name :
G16CH-71370F049W



- Windows 11 Home 64-bit
- Intel Core i7-13700F (30MB Cache)
- NVIDIA GeForce RTX 3070 (8GB GDDR6)
- 16GB DDR4-SDRAM (2 x 8) & 1000GB SSD

Intel Core i7-13700F (30MB Cache), 16GB DDR4-SDRAM, 1000GB SSD, NVIDIA GeForce RTX 3070 (8GB GDDR6), LAN, WLAN, Bluetooth, Windows 11 Home 64-bit

ASUS ROG Strix G16CH-71370F049W. Processor family: Intel® Core™ i7, Processor model: i7-13700F. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. Discrete graphics card model: NVIDIA GeForce RTX 3070. Wi-Fi. Operating system installed: Windows 11 Home, Operating system architecture: 64-bit. Power supply: 700 W. Chassis type: Midi Tower. Product type: PC. Weight: 11 kg. Product colour: Black, Grey



Processor		Network	
Processor manufacturer *	Intel	Cabling technology	10/100/1000Base-T(X)
Processor family *	Intel® Core™ i7	Wi-Fi *	✓
Processor generation	13th gen Intel® Core™ i7	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Processor model *	i7-13700F	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor cores	16	Antenna type	2x2
Processor threads	24	Bluetooth	✓
Processor boost frequency	5.2 GHz	Bluetooth version	5.3
Performance cores	8	Ports & interfaces	
Efficient cores	8	USB 2.0 ports quantity *	4
Performance-core Max Turbo Frequency	5.1 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Efficient-core Max Turbo Frequency	4.1 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
Performance-core base frequency	2.1 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Efficient-core base frequency	1.5 GHz	HDMI ports quantity *	2
Processor cache	30 MB	DisplayPorts quantity	1
Processor cache type	Smart Cache	DisplayPort version	1.4
Bus type	DMI4	PS/2 ports quantity	1
Processor base power	65 W	Ethernet LAN (RJ-45) ports	1
Maximum turbo power	219 W	Microphone in	✓
Memory		Headphone outputs	1
Internal memory *	16 GB	Expansion slots	
Maximum internal memory *	64 GB	PCI Express x16 (Gen 4.x) slots	1
Internal memory type	DDR4-SDRAM	Design	
Memory layout (slots x size)	2 x 8 GB	Chassis type *	Midi Tower
Memory slots	4x DIMM	Colour name	Gray
Storage		Placement supported	Vertical
Total storage capacity *	1 TB		
Storage media *	SSD		

Storage		Design	
Optical drive type *	✘	Number of 3.5" bays	1
Total SSDs capacity	1 TB	Product colour *	Black, Grey
Number of SSDs installed	1	Housing material	Aluminium, Plastic
SSD capacity	1 TB	Viewing window	✓
SSD interface	PCI Express 4.0	Performance	
NVMe	✓	Market positioning	Gaming
SSD form factor	M.2	Virtual Reality (VR) ready	✓
Graphics		Audio system	High Definition Audio
Discrete graphics card *	✓	Audio output channels	7.1 channels
Discrete GPU manufacturer	NVIDIA	Product type *	PC
On-board graphics card *	✘	Software	
Discrete graphics card model *	NVIDIA GeForce RTX 3070	Operating system installed *	Windows 11 Home
Discrete graphics card memory	8 GB	Operating system architecture	64-bit
Discrete graphics memory type	GDDR6	Trial software	1-month trial for new Microsoft 365 customers
On-board graphics card model *	Not available	Processor special features	
Graphics card HDMI ports quantity	2	CPU configuration (max)	1
Graphics card DisplayPorts quantity	3	Power	
Network		Power supply *	700 W
Ethernet LAN *	✓	80 PLUS certification	80 PLUS Bronze
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight & dimensions	
		Width *	185 mm
		Depth *	421 mm
		Height *	510 mm
		Weight *	11 kg
		Packaging content	
		Display included *	✘



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