ASUS

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-M00BL0

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

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	13th gen Intel® Core™ i7
Processor model *	i7-13700F
Processor cores	16
Performance cores	8
Efficient cores	8
Performance-core base frequency	2.1 GHz
Efficient-core base frequency	1.5 GHz
Efficient-core Max Turbo Frequency	4.1 GHz
Performance-core Max Turbo Frequency	5.1 GHz
Processor boost frequency	5.2 GHz
Processor cache	30 MB
Processor cache type	Smart Cache
Processor threads	24
Bus type	DMI4
Processor base power	65 W
Maximum turbo power	219 W

Memory

Internal memory *	16 GB
Maximum internal memory *	64 GB
Internal memory type	DDR4-SDRAM
Memory layout (slots x size)	2 x 8 GB
Memory slots	4x DIMM

Storage

Total storage capacity *	1 TB
Storage media *	SSD

Network

Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Antenna type	2x2
Bluetooth	✔
Bluetooth version	5.3

Ports & interfaces

USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
HDMI ports quantity *	2
DisplayPorts quantity	1
DisplayPort version	1.4
PS/2 ports quantity	1
Ethernet LAN (RJ-45) ports	1
Microphone in	✔
Headphone outputs	1

Expansion slots

PCI Express x16 (Gen 4.x) slots	1

Design

Chassis type *	Midi Tower
Colour name	Gray
Placement supported	Vertical

Storage

Optical drive type *	✘
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2

Graphics

Discrete graphics card *	✔
Discrete GPU manufacturer	NVIDIA
On-board graphics card *	✘
Discrete graphics card model *	NVIDIA GeForce RTX 3070
Discrete graphics memory type	GDDR6
Discrete graphics card memory	8 GB
On-board graphics card model *	Not available
Graphics card HDMI ports quantity	2
Graphics card DisplayPorts quantity	3

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s

Design

Number of 3.5" bays	1
Product colour *	Black, Grey
Housing material	Aluminium, Plastic
Viewing window	✔

Performance

Market positioning	Gaming
Virtual Reality (VR) ready	✔
Audio system	High Definition Audio
Audio output channels	7.1 channels
Product type *	PC

Software

Operating system installed *	Windows 11 Home
Operating system architecture	64-bit
Trial software	1-month trial for new Microsoft 365 customers

Processor special features

CPU configuration (max)	1

Power

Power supply *	700 W
80 PLUS certification	80 PLUS Bronze

Weight & dimensions

Width *	185 mm
Depth *	421 mm
Height *	510 mm
Weight *	11 kg

Packaging content

Display included *	✘

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