



ASUS ROG Strix G16CH-71370F050W Intel® Core™ i7 i7-13700F 16 GB DDR4-SDRAM 1 TB SSD NVIDIA GeForce RTX 3060 Ti Windows 11 Home Tower PC Black, Grey

Brand : ASUS

Product family: ROG

Product code: 90PF03W2-M00BM0

Product name :
G16CH-71370F050W



- Windows 11 Home 64-bit

- Intel Core i7-13700F (30MB Cache)

- NVIDIA GeForce RTX 3060 Ti (8GB GDDR6)

- 16GB DDR4-SDRAM (2 x 8) & 1000GB SSD

Intel Core i7-13700F (30MB Cache), 16GB DDR4-SDRAM, 1000GB SSD, NVIDIA GeForce RTX 3060 Ti (8GB GDDR6), LAN, WLAN, Bluetooth, Windows 11 Home 64-bit

ASUS ROG Strix G16CH-71370F050W. 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 3060 Ti. Wi-Fi. Operating system

installed: Windows 11 Home, Operating system architecture: 64-bit. Power supply: 700 W. Chassis type:

Tower. Product type: PC. Weight: 11 kg. Product colour: Black, Grey



| Processor | | Ports & interfaces | |
|----------------------------------|--------------------------|---|--------------------|
| Processor manufacturer * | Intel | USB 2.0 ports quantity * | 4 |
| Processor family * | Intel® Core™ i7 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| Processor generation | 13th gen Intel® Core™ i7 | USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 2 |
| Processor model * | i7-13700F | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 2 |
| Processor cores | 16 | HDMI ports quantity * | 2 |
| Performance cores | 8 | DisplayPorts quantity | 1 |
| Efficient cores | 8 | DisplayPort version | 1.4 |
| Performance-core base frequency | 2.1 GHz | PS/2 ports quantity | 1 |
| Efficient-core base frequency | 1.5 GHz | Ethernet LAN (RJ-45) ports | 1 |
| Processor boost frequency | 5.2 GHz | Microphone in | ✓ |
| Performance-core boost frequency | 5.1 GHz | Headphone outputs | 1 |
| Efficient-core boost frequency | 4.1 GHz | | |
| Processor cache | 30 MB | Expansion slots | |
| Processor cache type | Smart Cache | PCI Express x16 (Gen 4.x) slots | 1 |
| Bus type | DMI4 | Design | |
| Memory | | Chassis type * | Tower |
| Internal memory * | 16 GB | Colour name | Gray |
| Maximum internal memory * | 64 GB | Placement supported | Vertical |
| Internal memory type | DDR4-SDRAM | Number of 3.5" bays | 1 |
| Memory layout (slots x size) | 2 x 8 GB | Product colour * | Black, Grey |
| Memory slots | 4x DIMM | Housing material | Aluminium, Plastic |
| Storage | | Viewing window | ✓ |
| Total storage capacity * | 1 TB | Country of origin | China |
| Storage media * | SSD | Performance | |
| Optical drive type * | ✗ | Market positioning | Gaming |
| Total SSDs capacity | 1 TB | Virtual Reality (VR) ready | ✓ |
| Number of SSDs installed | 1 | | |
| SSD capacity | 1 TB | | |

| | | | |
|-------------------------------------|----------------------------|--|--|
| Storage | | Performance | |
| SSD interface | PCI Express 4.0 | Motherboard chipset | Intel B760 |
| NVMe | ✓ | Audio system | High Definition Audio |
| SSD form factor | M.2 | Audio output channels | 7.1 channels |
| Graphics | | Product type * | PC |
| Discrete graphics card * | ✓ | Software | |
| Discrete GPU manufacturer | NVIDIA | Operating system installed * | Windows 11 Home |
| On-board graphics card * | ✗ | Operating system architecture | 64-bit |
| Discrete graphics card model * | NVIDIA GeForce RTX 3060 Ti | Trial software | 1-month trial for new Microsoft 365 customers. |
| Discrete graphics memory type | GDDR6 | Processor special features | |
| Discrete graphics card memory | 8 GB | CPU configuration (max) | 1 |
| On-board graphics card model * | Not available | Power | |
| Graphics card HDMI ports quantity | 1 | Power supply * | 700 W |
| Graphics card DisplayPorts quantity | 3 | 80 PLUS certification | 80 PLUS Bronze |
| Network | | Sustainability | |
| Ethernet LAN * | ✓ | Sustainability compliance | ✓ |
| Ethernet LAN data rates | 10,100,1000 Mbit/s | Sustainability certificates | REACH |
| Cabling technology | 10/100/1000Base-T(X) | Weight & dimensions | |
| LAN controller | Dragon RTL8125BG | Width * | 185 mm |
| Wi-Fi * | ✓ | Depth * | 421 mm |
| Top Wi-Fi standard | Wi-Fi 6E (802.11ax) | Height * | 510 mm |
| Wi-Fi standards | Wi-Fi 6E (802.11ax) | Weight * | 11 kg |
| Antenna type | 2x2 | Package width | 480 mm |
| Bluetooth | ✓ | Package depth | 240 mm |
| Bluetooth version | 5.3 | 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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