

## 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 Midi 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: Midi 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                  |
| Processor boost frequency        | 5.2 GHz                  | DisplayPorts quantity                             | 1                  |
| Performance cores                | 8                        | DisplayPort version                               | 1.4                |
| Efficient cores                  | 8                        | PS/2 ports quantity                               | 1                  |
| Performance-core base frequency  | 2.1 GHz                  | Ethernet LAN (RJ-45) ports                        | 1                  |
| Efficient-core base frequency    | 1.5 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 *                                    | Midi 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                     |   |                    |

|                                     |                            |  |  |
|-------------------------------------|----------------------------|--|--|
| <b>Storage</b>                      |                            | <b>Performance</b>   |  |
| 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                                   |
| <b>Graphics</b>                     |                            | Product type *   | PC   |
| Discrete graphics card *            | ✓                          | <b>Software</b>  |  |
| 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 card memory       | 8 GB                       | <b>Processor special features</b>                          |  |
| Discrete graphics memory type       | GDDR6                      | CPU configuration (max)                                    | 1  |
| On-board graphics card model *      | Not available              | <b>Power</b>   |  |
| Graphics card HDMI ports quantity   | 1                          | Power supply *   | 700 W  |
| Graphics card DisplayPorts quantity | 3                          | 80 PLUS certification                                      | 80 PLUS Bronze                                 |
| <b>Network</b>                      |                            | <b>Certificates</b>  |  |
| Ethernet LAN *                      | ✓                          | Compliance certificates                                    | REACH  |
| Ethernet LAN data rates             | 10,100,1000 Mbit/s         | <b>Sustainability</b>                                      |  |
| Cabling technology                  | 10/100/1000Base-T(X)       | Sustainability compliance                                  | ✓  |
| LAN controller                      | Dragon RTL8125BG           | <b>Weight &amp; dimensions</b>                             |  |
| Wi-Fi *                             | ✓                          | Width *  | 185 mm   |
| Top Wi-Fi standard                  | Wi-Fi 6E (802.11ax)        | Depth *  | 421 mm   |
| Wi-Fi standards                     | Wi-Fi 6E (802.11ax)        | Height *   | 510 mm   |
| Antenna type                        | 2x2                        | Weight *   | 11 kg  |
| Bluetooth                           | ✓                          | Package width  | 480 mm   |
| Bluetooth version                   | 5.3                        | Package depth  | 240 mm   |
|                                     |                            | Package height   | 562 mm   |
|                                     |                            | Package weight   | 13.6 kg  |
|                                     |                            | <b>Packaging content</b>                                   |  |
|                                     |                            | Display included *   | ✗  |
|                                     |                            | <b>Other features</b>                                      |  |
|                                     |                            | Commodity Classification Automated Tracking System (CCATS) | 8471500000                                     |



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