



# ASUS ROG Strix GT15 G15CF-71270F168W Intel® Core™ i7 i7-12700F 32 GB DDR4-SDRAM 1.51 TB HDD+SSD NVIDIA GeForce RTX 3070 Windows 11 Home Tower PC Black

Brand : ASUS

Product family: ROG

Product code: 90PF03C2-M01040

Product name :  
G15CF-71270F168W

- Windows 11 Home 64-bit
  - Intel Core i7-12700F (25MB Cache)
  - NVIDIA GeForce RTX 3070 (8GB GDDR6)
  - 32GB DDR4-SDRAM (2 x 16) & 1000GB HDD, 512GB SSD
- Intel Core i7-12700F (25MB Cache), 32GB DDR4-SDRAM, 1000GB HDD, 512GB SSD, NVIDIA GeForce RTX 3070 (8GB GDDR6), LAN, WLAN, Bluetooth, Windows 11 Home 64-bit

ASUS ROG Strix GT15 G15CF-71270F168W Intel® Core™ i7 i7-12700F 32 GB DDR4-SDRAM 1.51 TB HDD+SSD NVIDIA GeForce RTX 3070 Windows 11 Home Tower PC Black:

**SPEED. STEALTH. AGILITY.**

DESIGN

## STEALTH STYLE

Innovative cooling elevates performance in the focused, thermal design of the GT15. Its aerodynamic chassis has widened vents that stealthily direct more cool air through the internal cooling system. Participating in esports competitions and LANs is easier with a built-in carrying handle for portability. Special, EMI-shielded glass lets you look inside the chassis itself and watch the high-powered components at work.



Processor		Ports & interfaces	
Processor manufacturer *	Intel	DisplayPorts quantity	1
Processor family *	Intel® Core™ i7	DisplayPort version	1.4
Processor generation	12th gen Intel® Core™ i7	Ethernet LAN (RJ-45) ports	1
Processor model *	i7-12700F	Microphone in	✓
Processor cores	12	Headphone outputs	1
Processor boost frequency	4.4 GHz	Line-out	✓
Processor cache	18 MB	Line-in	✓
Bus type	DMI4	Expansion slots	
Memory		PCI Express x16 (Gen 3.x) slots	1
Internal memory *	32 GB	PCI Express x16 (Gen 4.x) slots	1
Maximum internal memory *	64 GB	Design	
Internal memory type	DDR4-SDRAM	Chassis type *	Tower
Memory layout (slots x size)	2 x 16 GB	Colour name	Star Black
Storage		Volume	29 L
Total storage capacity *	1.51 TB	Placement supported	Vertical
Storage media *	HDD+SSD	Product colour *	Black
Optical drive type *	✗	Country of origin	China
Total HDDs capacity	1 TB	Performance	
Number of HDDs installed	1	Market positioning	Gaming
HDD capacity	1 TB	Motherboard chipset	Intel B660
HDD interface	SATA	Audio system	High Definition Audio
HDD speed	7200 RPM	Audio output channels	7.1 channels
HDD size	3.5"	Trusted Platform Module (TPM)	✓
Total SSDs capacity	512 GB	Product type *	PC
Number of SSDs installed	1	Software	
SSD capacity	512 GB	Operating system installed *	Windows 11 Home
SSD interface	PCI Express 4.0	Operating system architecture	64-bit
NVMe	✓		

<b>Storage</b>		<b>Software</b>	
SSD form factor	M.2	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Card reader integrated	✗		
<b>Graphics</b>		<b>Processor special features</b>	
Discrete graphics card *	✓	Intel 64	✓
Discrete GPU manufacturer	NVIDIA	Enhanced Intel SpeedStep Technology	✓
Discrete graphics card model *	NVIDIA GeForce RTX 3070	Embedded options available	✗
Discrete graphics card memory	8 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Discrete graphics memory type	GDDR6	Idle States	✓
Graphics card HDMI ports quantity	2	Execute Disable Bit	✓
Graphics card DisplayPorts quantity	3	CPU configuration (max)	1
<b>Network</b>		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Ethernet LAN *	✓	Intel Virtualization Technology (VT-x)	✓
Ethernet LAN data rates	10,100,1000,2500 Mbit/s		
LAN controller	Realtek RTL8125-BG	<b>Power</b>	
Wi-Fi *	✓	Power supply *	700 W
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	80 PLUS certification	80 PLUS Bronze
Wi-Fi standards	Wi-Fi 6 (802.11ax)	<b>Weight &amp; dimensions</b>	
Antenna type	2x2	Width *	185 mm
Bluetooth	✓	Depth *	421 mm
Bluetooth version	5.3	Height *	498 mm
<b>Ports &amp; interfaces</b>		Weight *	11 kg
USB 2.0 ports quantity *	2	Package width	480 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Package depth	240 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Package height	562 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4	Package weight	13.6 kg
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	<b>Packaging content</b>	
HDMI ports quantity *	1	Display included *	✗
HDMI version	2.0a	Mouse included	✗
		Keyboard included	✗
		<b>Other features</b>	
		Commodity Classification Automated Tracking System (CCATS)	8471500000



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