ASUS ROG G700 G700TF-DSU750801-CB Intel Core Ultra 7 265F 64 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5080 Windows 11 Home Tower PC Black

Brand : ASUS

Product family: ROG

Product code: 90PF0561-M01EJ0

Product name : G700TF-DSU750801-CB

- Windows 11 Home 64-bit
- Intel Core Ultra 7 265F (30MB Cache)
- NVIDIA GeForce RTX 5080 (16GB GDDR7)
- 64GB DDR5-SDRAM & 2000GB SSD

Intel Core Ultra 7 265F (30MB Cache), 64GB DDR5-SDRAM, 2000GB SSD, NVIDIA GeForce RTX 5080 (16GB GDDR7), LAN, Windows 11 Home 64-bit
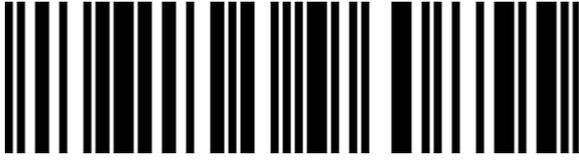
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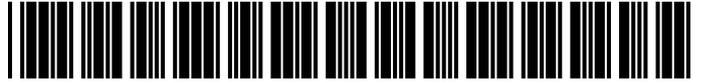
BIRTH OF A LEGEND
ASUS made its name on PC components like motherboards and graphics cards, so we know what a quality PC looks like. We carefully designed this entire system from the ground up, rigorously tested it for rock-solid stability and reliability, and tuned it for incredible power efficiency, and thermal performance.

Processor

Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor generation	Intel Core Ultra (Series 2)
Processor model *	265F
Processor cores	20
Processor threads	20
Processor boost frequency	5.3 GHz
Performance cores	8
Efficient cores	12
Performance-core Max Turbo Frequency	5.2 GHz
Efficient-core Max Turbo Frequency	4.6 GHz
Performance-core base frequency	2.4 GHz
Efficient-core base frequency	1.8 GHz
Processor cache	30 MB
Processor cache type	Smart Cache
Processor base power	65 W
Maximum turbo power	182 W

Neural processor unit (NPU)

Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN

Graphics

Discrete graphics memory type	GDDR7
On-board graphics card model *	Not available
Graphics card HDMI ports quantity	1
Graphics card DisplayPorts quantity	3

Performance

Market positioning	Gaming
Motherboard chipset	Intel B860
Product type *	PC
Audio output channels	7.1 channels

Network

Ethernet LAN *	✔
Ethernet LAN data rates	1000 Mbit/s

Ports & interfaces

USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
DisplayPorts quantity	1

Neural processor unit (NPU)

Total processor performance up to	25 TOPs
NPU performance up to	13 TOPs

Memory

Internal memory *	64 GB
Maximum internal memory *	128 GB
Internal memory type	DDR5-SDRAM
Memory slots	4x DIMM

Storage

Total storage capacity *	2 TB
Storage media *	SSD
Optical drive type *	✘
Total SSDs capacity	2 TB
Number of SSDs installed	1
SSD capacity	2 TB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
M.2 SSD size	2280 (22 x 80 mm)

Graphics

Discrete graphics card *	✔
Discrete GPU manufacturer	NVIDIA
On-board graphics card *	✘
Discrete graphics card model *	NVIDIA GeForce RTX 5080
Discrete graphics card memory	16 GB

Ports & interfaces

DisplayPort version	1.4
Ethernet LAN (RJ-45) ports	1
Headphone outputs	1
Microphone in	✔

Expansion slots

PCI Express x16 (Gen 4.x) slots	3
PCI Express x16 (Gen 5.x) slots	1

Power

Power supply *	850 W
80 PLUS certification	80 PLUS Gold

Design

Chassis type *	Tower
Colour name	Black
Product colour *	Black

Software

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

Display

Display included *	✘

Audio

Audio system	High Definition Audio

Weight & dimensions

Width *	240 mm
Depth *	509.2 mm
Height *	479.6 mm
Weight *	18 kg

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Catalog Object Cloud