

ASUS ROG G700 G700TF-DSU75090A-CB Intel Core Ultra 7 265F 64 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5090 Windows 11 Home Tower PC Black

Brand : ASUS

Product family: ROG

Product code: 90PF0561-M006Y0

Product name : G700TF-DSU75090A-CB

- Windows 11 Home 64-bit
- Intel Core Ultra 7 265F (30MB Cache)
- NVIDIA GeForce RTX 5090 (32GB GDDR7)
- 64GB DDR5-SDRAM & 2000GB SSD

Intel Core Ultra 7 265F (30MB Cache), 64GB DDR5-SDRAM, 2000GB SSD, NVIDIA GeForce RTX 5090 (32GB 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 | | Graphics | |
|---|--|---|---------------|
| Processor manufacturer * | Intel | Discrete graphics memory type | GDDR7 |
| Processor family * | Intel Core Ultra 7 | On-board graphics card model * | Not available |
| Processor generation | Intel Core Ultra (Series 2) | Graphics card HDMI ports quantity | 2 |
| Processor model * | 265F | Graphics card DisplayPorts quantity | 3 |
| Processor cores | 20 | Network | |
| Processor threads | 20 | Ethernet LAN * | ✓ |
| Processor boost frequency | 5.3 GHz | Ethernet LAN data rates | 1000 Mbit/s |
| Performance cores | 8 | Ports & interfaces | |
| Efficient cores | 12 | USB 2.0 ports quantity * | 4 |
| Performance-core Max Turbo Frequency | 5.2 GHz | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 6 |
| Efficient-core Max Turbo Frequency | 4.6 GHz | USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1 |
| Performance-core base frequency | 2.4 GHz | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 1 |
| Efficient-core base frequency | 1.8 GHz | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1 |
| Processor cache | 30 MB | DisplayPorts quantity | 1 |
| Processor cache type | Smart Cache | DisplayPort version | 1.4 |
| Processor base power | 65 W | Ethernet LAN (RJ-45) ports | 1 |
| Maximum turbo power | 182 W | Microphone in | ✓ |
| Neural processor unit (NPU) | | Headphone outputs | 1 |
| 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 | | |

| Neural processor unit (NPU) | | Expansion slots | |
|-----------------------------------|-------------------------|---------------------------------|--|
| Total processor performance up to | 25 TOPs | PCI Express x16 (Gen 4.x) slots | 3 |
| NPU performance up to | 13 TOPs | PCI Express x16 (Gen 5.x) slots | 1 |
| Memory | | Design | |
| Internal memory * | 64 GB | Chassis type * | Tower |
| Maximum internal memory * | 128 GB | Colour name | Black |
| Internal memory type | DDR5-SDRAM | Product colour * | Black |
| Memory slots | 4x DIMM | Performance | |
| Storage | | Market positioning | Gaming |
| Total storage capacity * | 2 TB | Motherboard chipset | Intel B860 |
| Storage media * | SSD | Audio system | High Definition Audio |
| Optical drive type * | ✗ | Audio output channels | 7.1 channels |
| Total SSDs capacity | 2 TB | Product type * | PC |
| Number of SSDs installed | 1 | Software | |
| SSD capacity | 2 TB | Operating system architecture | 64-bit |
| SSD interface | PCI Express 4.0 | Operating system installed * | Windows 11 Home |
| NVMe | ✓ | Trial software | 1-month trial for new Microsoft 365 customers. Credit card required. |
| SSD form factor | M.2 | Power | |
| M.2 SSD size | 2280 (22 x 80 mm) | Power supply * | 1000 W |
| Graphics | | 80 PLUS certification | 80 PLUS Gold |
| Discrete graphics card * | ✓ | Weight & dimensions | |
| Discrete GPU manufacturer | NVIDIA | Width * | 240 mm |
| On-board graphics card * | ✗ | Depth * | 509.2 mm |
| Discrete graphics card model * | NVIDIA GeForce RTX 5090 | Height * | 479.6 mm |
| Discrete graphics card memory | 32 GB | Weight * | 18 kg |
| Display | | | |
| Display included * | | | ✗ |



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Catalog Object Cloud



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