

## ASUS TUF Gaming TUF-RTX5080-O16G-GAMING NVIDIA GeForce RTX 5080 16 GB GDDR7

**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90YV0M30-M0NA00

**Product name :** TUF-RTX5080-O16G-GAMING



NVIDIA GeForce RTX 5080 16GB GDDR7, PCI Express 5.0, 30 Gbps, 256-bit, HDMI, DisplayPort, 850W

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### Game TUF. Built to Last.

#### ASUS TUF Gaming GeForce RTX™ 5080

NVIDIA Blackwell architecture is elevated by enhanced cooling and power delivery, fortified with rugged reinforcements for exceptional durability. Lock, load and dominate with the TUF Gaming GeForce RTX™ 5080, designed to withstand the harshest conditions and deliver unparalleled performance.

ASUS TUF Gaming TUF-RTX5080-O16G-GAMING. Graphics processor family: NVIDIA, Graphics processor: GeForce RTX 5080. Discrete graphics card memory: 16 GB, Graphics card memory type: GDDR7, Memory bus: 256 bit. Maximum resolution: 7680 x 4320 pixels. OpenGL version: 4.6. Interface type: PCI Express 5.0. Cooling type: Active, Number of fans: 3 fan(s), Illumination colour: Multi



| Processor                                |                    | Performance                         |                                 |
|------------------------------------------|--------------------|-------------------------------------|---------------------------------|
| CUDA *                                   | ✓                  | NPU performance up to               | 1801 TOPs                       |
| CUDA cores                               | 10752              | Design                              |                                 |
| Graphics processor family *              | NVIDIA             | Cooling type *                      | Active                          |
| Graphics processor *                     | GeForce RTX 5080   | Cooling technology                  | ASUS Axial-tech                 |
| Processor boost clock speed              | 2700 MHz           | Number of fans                      | 3 fan(s)                        |
| Maximum resolution *                     | 7680 x 4320 pixels | Form factor                         | Full-Height/Full-Length (FH/FL) |
| Parallel processing technology support * | Not supported      | Number of slots                     | 3.6                             |
| Maximum displays per videocard           | 4                  | Illumination                        | ✓                               |
| Memory                                   |                    | Illumination colour                 | Multi                           |
| Discrete graphics card memory *          | 16 GB              | Product colour                      | Multicolour                     |
| Graphics card memory type *              | GDDR7              | Power                               |                                 |
| Memory bus *                             | 256 bit            | Minimum system power supply *       | 850 W                           |
| Data transfer rate                       | 30 Gbit/s          | Supplementary power connectors      | 1x 16-pin                       |
| Ports & interfaces                       |                    | System requirements                 |                                 |
| Interface type *                         | PCI Express 5.0    | Windows operating systems supported | ✓                               |
| HDMI ports quantity *                    | 2                  | Weight & dimensions                 |                                 |
| HDMI version                             | 2.1b               | Weight                              | 1.94 kg                         |
| DisplayPorts quantity *                  | 3                  | Length                              | 348 mm                          |
| Performance                              |                    | Depth                               | 72 mm                           |
| OpenGL version *                         | 4.6                | Height                              | 146 mm                          |
| Virtual Reality (VR) ready               | ✓                  | Packaging data                      |                                 |
| HDCP                                     | ✓                  | Package width                       | 425.9 mm                        |
| HDCP version                             | 2.3                | Package depth                       | 266 mm                          |
| Dual Link DVI *                          | ✗                  | Package height                      | 99 mm                           |
| NVIDIA G-SYNC                            | ✓                  | Package weight                      | 3.01 kg                         |
|                                          |                    | Package type                        | Box                             |



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### Catalog Object Cloud



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