

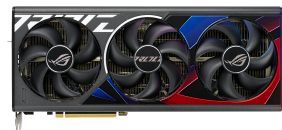
ASUS ROG -STRIX-RTX4080S-16G-GAMING NVIDIA GeForce RTX 4080 SUPER 16 GB GDDR6X

Brand : ASUS

Product family: ROG

Product code: 90YV0KB1-M0NA00

Product name : ROG-STRIX-RTX4080S-16G-GAMING



- Powered by NVIDIA DLSS3, ultra-efficient Ada Lovelace arch, and full ray tracing
 - 4th Generation Tensor Cores: Up to 4x performance with DLSS 3 vs. brute-force rendering
 - 3rd Generation RT Cores: Up to 2X ray tracing performance
 - Axial-tech fans scaled up for 23% more airflow
 - New patented vapor chamber with milled heatspreader for lower GPU temps
 - 3.5-slot design: massive fin array optimized for airflow from the three Axial-tech fans
 - Diecast shroud, frame, and backplate add rigidity and are vented to further maximize airflow and heat dissipation
 - Digital power control with high-current power stages and 15K capacitors to fuel maximum performance
 - Auto-Extreme precision automated manufacturing for higher reliability
 - GPU Tweak III software provides intuitive performance tweaking, thermal controls, and system monitoring
- 16 GB, GDDR6X, 256-bit, PCI Express 4.0, 2580 MHz OC mode clock, 2x HDMI, 3x DisplayPort, 1x 16-pin, 3.5 slot, ARGB



| Processor | | Performance | |
|--|------------------------|-------------------------------------|---------------------------------|
| CUDA * | ✓ | HDCP | ✓ |
| CUDA cores | 10420 | HDCP version | 2.3 |
| Graphics processor family * | NVIDIA | Dual Link DVI * | ✗ |
| Graphics processor * | GeForce RTX 4080 SUPER | NVIDIA G-SYNC | ✓ |
| Processor boost clock speed | 2550 MHz | Design | |
| Processor frequency (OC mode) | 2580 MHz | Cooling type * | Active |
| Maximum resolution * | 7680 x 4320 pixels | Cooling technology | ASUS Axial-tech |
| Parallel processing technology support * | Not supported | Number of fans | 3 fan(s) |
| Maximum displays per videocard | 4 | Form factor | Full-Height/Full-Length (FH/FL) |
| Memory | | Bracket height | Full-Height (FH) |
| Discrete graphics card memory * | 16 GB | Number of slots | 3.5 |
| Graphics card memory type * | GDDR6X | Illumination | ✓ |
| Memory bus * | 256 bit | Illumination colour | Multi |
| Data transfer rate | 23 Gbit/s | Product colour | Black |
| Ports & interfaces | | Power | |
| Interface type * | PCI Express 4.0 | Minimum system power supply * | 850 W |
| HDMI ports quantity * | 2 | Supplementary power connectors | 1x 16-pin |
| HDMI version | 2.1a | System requirements | |
| DisplayPorts quantity * | 3 | Windows operating systems supported | Windows 11 |
| DisplayPort version | 1.4a | Weight & dimensions | |
| Performance | | Depth | 357.6 mm |
| TV tuner integrated * | ✗ | Height | 149.3 mm |
| DirectX version * | 12 Ultimate | Width | 70.1 mm |
| OpenGL version * | 4.6 | Packaging data | |
| Virtual Reality (VR) ready | ✓ | Package type | Box |
| | | Packaging content | |
| | | Manual | ✓ |



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