

ASUS ProArt -RTX4080S-16G NVIDIA GeForce RTX 4080 SUPER 16 GB GDDR6X

Brand : ASUS

Product family: ProArt

Product code: 90YV0K91-M0NB00

Product name : PROART-RTX4080S-16G



- NVIDIA Studio: RTX and AI-accelerated creator apps, exclusive AI software, and Studio Drivers for unmatched creativity and performance
 - NVIDIA Ada Lovelace Streaming Multiprocessors: Up to 2x performance and power efficiency
 - 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 21% more airflow
 - 2.5-slot design: allows for greater build compatibility while maintaining premium cooling
 - Dual Ball Fan Bearings last up to twice as long as conventional designs
 - Auto-Extreme precision automated manufacturing for higher reliability
 - GPU Tweak III profile Connect enables creators to seamlessly optimize system performance and cooling for every app
- 16 GB, GDDR6X, 256-bit, PCI Express 4.0, 2580 MHz OC mode clock, HDMI, 3x DisplayPort, 2.5 slot



| Processor | | Performance | |
|--|------------------------|-------------------------------------|---------------------------------|
| CUDA * | ✓ | OpenGL version * | 4.6 |
| CUDA cores | 10420 | Virtual Reality (VR) ready | ✓ |
| Graphics processor family * | NVIDIA | HDCP | ✓ |
| Graphics processor * | GeForce RTX 4080 SUPER | HDCP version | 2.3 |
| Processor boost clock speed | 2550 MHz | Dual Link DVI * | ✗ |
| Processor frequency (OC mode) | 2580 MHz | NVIDIA G-SYNC | ✓ |
| Maximum resolution * | 7680 x 4320 pixels | Design | |
| Parallel processing technology support * | Not supported | Cooling type * | Active |
| Maximum displays per videocard | 4 | Cooling technology | ASUS Axial-tech |
| Memory | | Number of fans | 3 fan(s) |
| Discrete graphics card memory * | 16 GB | Form factor | Full-Height/Full-Length (FH/FL) |
| Graphics card memory type * | GDDR6X | Bracket height | Full-Height (FH) |
| Memory bus * | 256 bit | Number of slots | 2.5 |
| 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 * | 1 | System requirements | |
| HDMI version | 2.1a | Windows operating systems supported | Windows 11 |
| DisplayPorts quantity * | 3 | Weight & dimensions | |
| DisplayPort version | 1.4a | Depth | 300 mm |
| Performance | | Height | 120 mm |
| TV tuner integrated * | ✗ | Width | 50 mm |
| DirectX version * | 12 Ultimate | Packaging data | |
| | | Package type | Box |
| | | Packaging content | |
| | | Manual | ✓ |



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