



## ASUS ROG -STRIX-RTX4080S-O16G-WHITE NVIDIA GeForce RTX 4080 SUPER 16 GB GDDR6X

Brand : ASUS

Product family: ROG

Product code: 90YV0KB2-M0NA00

Product name : ROG-STRIX-RTX4080S-O16G-WHITE



- 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
  - OC mode: 2670 MHz (OC mode)/ 2640 MHz (Default mode)
  - 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
- ROG Strix GeForce RTX 4080 SUPER 16GB GDDR6X White OC Edition with DLSS 3 and chart-topping thermal performance.

| Processor                                |                        | Performance                    |                                 |
|--|------------------------|--------------------------------|---------------------------------|
| CUDA *                                   | ✓                      | TV tuner integrated *          | ✗                               |
| CUDA cores                               | 10420                  | DirectX version *              | 12 Ultimate                     |
| Graphics processor family *              | NVIDIA                 | OpenGL version *               | 4.6                             |
| Graphics processor *                     | GeForce RTX 4080 SUPER | HDCP                           | ✓                               |
| Processor boost clock speed              | 2640 MHz               | HDCP version                   | 2.3                             |
| Processor frequency (OC mode)            | 2670 MHz               | Dual Link DVI *                | ✗                               |
| Maximum resolution *                     | 7680 x 4320 pixels     | NVIDIA G-SYNC                  | ✓                               |
| Parallel processing technology support * | Not supported          | NVIDIA Ansel                   | ✓                               |
| Maximum displays per videocard           | 4                      | <b>Design</b>                  |                                 |
| <b>Memory</b>                            |                        | Cooling type *                 | Active                          |
| Discrete graphics card memory *          | 16 GB                  | Number of fans                 | 3 fan(s)                        |
| Graphics card memory type *              | GDDR6X                 | Form factor                    | Full-Height/Full-Length (FH/FL) |
| Memory bus *                             | 256 bit                | Number of slots                | 3.5                             |
| Data transfer rate                       | 23 Gbit/s              | Illumination                   | ✓                               |
| <b>Ports &amp; interfaces</b>            |                        | Illumination colour            | Multi                           |
| Interface type *                         | PCI Express 4.0        | Product colour                 | White                           |
| HDMI ports quantity *                    | 2                      | <b>Power</b>                   |                                 |
| HDMI version                             | 2.1a                   | Minimum system power supply *  | 850 W                           |
| DisplayPorts quantity *                  | 3                      | Supplementary power connectors | 1x 16-pin                       |
| DisplayPort version                      | 1.4a                   | <b>Weight &amp; dimensions</b> |                                 |
|  |                        | Depth                          | 357.6 mm                        |
|  |                        | Height                         | 70.1 mm                         |
|  |                        | Width                          | 149.3 mm                        |
|  |                        | <b>Packaging data</b>          |                                 |
|  |                        | Package type                   | Box                             |



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