

# MSI GeForce RTX 4090 SUPRIM LIQUID X - graphics card - NVIDIA GeForce RTX 4090 - 24 GB



30-07-2024

|                      |                                                                                        |
|----------------------|----------------------------------------------------------------------------------------|
| SKU                  | GEFORCE RTX 4090 SUPRIM LIQUID X 24G                                                   |
| Product Description: | MSI GeForce RTX 4090 SUPRIM LIQUID X - graphics card - NVIDIA GeForce RTX 4090 - 24 GB |
| Device Type:         | Graphics card                                                                          |
| Bus Type:            | PCI Express 4.0                                                                        |
| Graphics Engine:     | NVIDIA GeForce RTX 4090                                                                |
| Memory:              | 24 GB GDDR6X                                                                           |
| Memory Speed:        | 21 Gbps                                                                                |
| Boost Clock:         | 2625 MHz                                                                               |

## General

|                         |                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Device Type:            | Graphics card                                                                                                                                                                                                                                             |
| Bus Type:               | PCI Express 4.0                                                                                                                                                                                                                                           |
| Graphics Engine:        | NVIDIA GeForce RTX 4090                                                                                                                                                                                                                                   |
| Boost Clock:            | 2625 MHz                                                                                                                                                                                                                                                  |
| CUDA Cores:             | 16384                                                                                                                                                                                                                                                     |
| Max Resolution:         | 7680 x 4320                                                                                                                                                                                                                                               |
| Max Monitors Supported: | 4                                                                                                                                                                                                                                                         |
| Interfaces Details:     | 3 x DisplayPort   HDMI                                                                                                                                                                                                                                    |
| API Supported:          | OpenGL 4.6, DirectX 12 Ultimate                                                                                                                                                                                                                           |
| Features:               | Dual Bios, NVIDIA G-Sync ready, MSI Zero Frozr technology, micro-fin copper base, Nvidia Studio, NVIDIA Reflex, Nvidia Broadcast, NVIDIA Ada Lovelace GPU technology, 4th gen Tensor Cores, 3rd gen Ray Tracing Cores, Torx 5.0 Fans, NVIDIA DLSS 3, HDCP |

## Miscellaneous

|                                |                  |
|--------------------------------|------------------|
| Power Consumption Operational: | 450 Watt         |
| Software Included:             | MSI Center       |
| Compliant Standards:           | DisplayPort 1.4a |
| Width:                         | 4.3 cm           |
| Depth:                         | 28 cm            |
| Height:                        | 14 cm            |
| Weight:                        | 2.353 kg         |
| Shipping Weight:               | 3.837 kg         |

## System Requirements

|                          |                                    |
|--------------------------|------------------------------------|
| Required Power Supply:   | 850 W                              |
| Additional Requirements: | 16 pin PCI Express power connector |

## Memory

|               |              |
|---------------|--------------|
| Size:         | 24 GB        |
| Technology:   | GDDR6X SDRAM |
| Memory Speed: | 21 Gbps      |
| Bus Width:    | 384-bit      |