



# GEFORCE RTX 4090 AMP EXTREME AIRO

SKU: ZT-D40900B-10P | EAN: 4895173625985 | UPC: 810012083225

Inspired by aerodynamic concepts, the ZOTAC GAMING GeForce RTX 4090 AMP Extreme AIRO utilizes an AIR-Optimized design to bring out the best in the world's most advanced gaming GPU powered by the NVIDIA Ada Lovelace architecture. For gamers and enthusiasts who desire the ultimate performance, the AMP Extreme AIRO graphics card has everything to offer - from unrivaled power to outstanding thermal and noise performance.



## KEY FEATURES

- NVIDIA Ada Lovelace Streaming Multiprocessors: Up to 2x performance and power efficiency
- 4th Generation Tensor Cores: Up to 2X AI performance
- 3rd Generation RT Cores: Up to 2X ray tracing performance
- NVIDIA DLSS
- Game Ready and NVIDIA Studio Drivers
- NVIDIA® GeForce Experience™
- NVIDIA Broadcast, NVIDIA G-SYNC®
- NVIDIA GPU Boost™
- 24GB GDDR6X Graphics Memory
- AIR Optimized Design
- IceStorm 3.0 Advanced Cooling
- FREEZE Fan Stop, Active Fan Control
- SPECTRA 2.0 RGB Lighting (compatible with external LED strip)
- Dual BIOS
- Metal die-cast RGB LED Backplate
- ZOTAC GAMING FireStorm Utility



## TECHNICAL SPECIFICATIONS

### SPECIFICATIONS

- NVIDIA GeForce RTX 4090 GPU
- 16384 CUDA cores
- 24GB GDDR6X memory
- 384-bit memory bus
- Engine boost clock: 2580 MHz
- Memory clock: 21 Gbps
- PCI Express 4.0 16x

### SOFTWARE COMPATIBILITY

- Game Ready and NVIDIA Studio Drivers
- PCI Express® Gen 4
- Microsoft DirectX® 12 Ultimate
- Vulkan RT APIs, Vulkan 1.3
- OpenGL 4.6
- Windows 11 / 10 (64-bit, April 2018 update or later)

### CONNECTIONS

- 3 x DisplayPort 1.4a (up to 7680x4320@60Hz)
- 1 x HDMI® Connector (Supports 4K 120Hz HDR, 8K 60Hz HDR, and Variable Refresh Rate as specified in the HDMI 2.1 Specification)
- HDCP 2.3 support
- Quad simultaneous display capable

### POWER REQUIREMENTS

- 1000-watt power supply recommended
- 450-watt max power consumption
- 1 x 12VHPWR power input

### INSIDE THE BOX

- ZOTAC GAMING GeForce RTX 4090 AMP Extreme AIRO
- GPU Support Stand
- 3-pin RGB Header Cable
- 4x 8-pin-to-12VHPWR cable (Limited service life with up to 30 connect / disconnects)
- User Manual

### DIMENSIONS

#### Product:

- Length: 355.5mm (14in)
- Height: 165.8mm (6.5in)
- Width: 3.5 slot (72.1mm) (2.8in)

#### Box:

- Height: 440mm (17.3in)
- Width: 282mm (11.1in)
- Depth: 120mm (4.7in)



Extended warranty exclusions may apply based on country/region. (Product registration must be successfully submitted within a limited time of new product purchase at zotac.com. Availability and window of time for product registration may vary by product and region.)

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