



GEFORCE RTX 4090 TRINITY

SKU: ZT-D40900D-10P | EAN: 4895173625992 | UPC: 810012083232

Leveraging an all-new aerodynamic inspired design, the ZOTAC GAMING GeForce RTX 4090 Trinity utilizes the world's most advanced gaming GPU powered by the NVIDIA Ada Lovelace architecture. Using cutting-edge cooling technologies derived from the flagship model, the Trinity packs the punch to offer gamers the needed blistering FPS in the latest titles.



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
- IceStorm 3.0 Advanced Cooling
- FREEZE Fan Stop, Active Fan Control
- SPECTRA 2.0 RGB Lighting (compatible with external LED strip)
- Dual BIOS
- Metal 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: 2520 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 Trinity
- GPU Support Stand
- 3-pin RGB Header Cable
- 3x 8-pin-to-12VHPWR cable
- User Manual

DIMENSIONS

Product:

- Length: 356.1mm (14in)
- Height: 165.4mm (6.5in)
- Width: 3.5 slot (71.4mm) (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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