



GEFORCE RTX 4090 TRINITY OC

SKU: ZT-D40900J-10P | EAN: 4895173626005 | UPC: 810012083249

Leveraging an all-new aerodynamic inspired design, the ZOTAC GAMING GeForce RTX 4090 Trinity OC 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 OC 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: 2535 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 OC
- GPU Support Stand
- 3-pin RGB Header Cable
- 4x 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](https://www.zotac.com). Availability and window of time for product registration may vary by product and region.)

©2022 ZOTAC Technology Ltd. All rights reserved. All company and/or product names may be trade names, trademarks and/or registered trademarks of the respective owners with which they are associated. Features, pricing, availability and specifications are subject to change without notice. ZOTAC Technology Limited does not warrant the accuracy, completeness or reliability of information, materials and other items contained on this website or server. No liability is assumed with respect to the use of the information contained herein. When accessing this website, users acknowledge that ZOTAC Technology Limited will not be liable in any event for any damages arising out of the use of this site or any websites linked to it.

©2022 NVIDIA Corporation. NVIDIA, the NVIDIA logo, and GeForce are registered trademarks of NVIDIA Corporation in the U.S. and other countries. All rights reserved.

For more information please visit:

ZOTAC.COM