



# GEFORCE RTX 4080 SUPER Trinity Black Edition 16GB GDDR6X

SKU: ZT-D40820D-10P | EAN: 4895173628559 | UPC: 810012084475

A balanced take on the signature aerodynamic-inspired design, the ZOTAC GAMING GeForce RTX 4080 SUPER Trinity Black Edition 16GB GDDR6X utilizes the state-of-the-art NVIDIA Ada Lovelace architecture to give gamers cutting-edge features such as DLSS 3.5 and real time raytracing. Complete with the advanced cooling design derived from flagship models, the Trinity Black Edition packs the punch to deliver 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 4X performance with DLSS 3 vs. brute-force rendering
- 3rd generation RT cores: Up to 2X ray tracing performance
- NVIDIA DLSS 3.5
- Game Ready and NVIDIA Studio Drivers
- NVIDIA® GeForce Experience™
- NVIDIA Broadcast, NVIDIA G-SYNC®
- 16GB GDDR6X graphics memory
- IceStorm 2.0 advanced cooling
- FREEZE fan stop, Active fan control
- SPECTRA customizable RGB lighting
- Metal backplate
- ZOTAC GAMING FireStorm Utility

## TECHNICAL SPECIFICATIONS

### SPECIFICATIONS

- NVIDIA GeForce RTX 4080 SUPER GPU
- 10240 CUDA cores
- 16GB GDDR6X memory
- 256-bit memory bus
- Engine boost clock: 2550 MHz
- Memory clock: 23.0 Gbps
- PCI Express 4.0 x16

### 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 / Windows 10 64-bit (v1809 November 2018 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 2.1a Specification)
- HDCP 2.3 support
- Up to 4 displays simultaneously

### POWER REQUIREMENTS

- 750-watt power supply recommended
- 320-watt max power consumption
- 1 x 12VHPWR PCIe power input

### INSIDE THE BOX

- ZOTAC GAMING GeForce RTX 4080 SUPER TRINITY Black Edition 16GB GDDR6X
- User Manual
- 3 x 8-pin-to-12VHPWR cable
- GPU Support Stand

### DIMENSIONS

#### Product:

- Length: 306.8 mm (12.1 in)
- Height: 119.4 mm (4.7 in)
- Width: 2.5 slot (58.5 mm) (2.3 in)

#### Box:

- Height: 292mm (11.5 in)
- Width: 424mm (16.7 in)
- Depth: 99mm (3.9 in)



©2024 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.

©2024 NVIDIA Corporation. NVIDIA, the NVIDIA logo, and GeForce are registered trademarks of NVIDIA Corporation in the U.S. and other countries. All rights reserved.

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

For more information please visit:

[ZOTAC.COM](https://www.zotac.com)