ZOTAC GAMING GeForce RTX 5090 ARCTICSTORM AIO

SKU: ZT-B50900K-30A | EAN: 8886307703286 | UPC: 810012086615

The ZOTAC GAMING GeForce RTX 5090 ARCTICSTORM AIO is the first high-end graphics card by ZOTAC GAMING to utilize a full-sized 360mm Liquid Cooling AIO and full-coverage copper cold plate for the ultimate cooling performance. Designed for gaming enthusiasts who want pure speed and exceptional temperatures, the ARCTICSTORM AIO redefines high-end graphics.



GEFORCE RTX Powering Advanced AI

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

ARCTICSTORM AIO

KEY FEATURES

- NVIDIA Blackwell Architecture
- 5th Generation Tensor cores
- 4th Generation RT cores
- NVIDIA DLSS 4
- Game Ready and NVIDIA Studio Drivers
- NVIDIA® GeForce Experience™
- NVIDIA Broadcast, NVIDIA G-SYNC®
- 32GB GDDR7 graphics memory
- Superior Liquid Cooling, up to 30% cooler than air-cooled variant
- 360mm AIO Liquid Cooler
- Full coverage copper cooling plate
- Large Infinity Mirror Design
- Triple 120mm Fans deliver up to 50% quieter performance
- Metal backplate
- 4-Zone SPECTRA 2.0 ARGB lighting
- ZOTAC GAMING FireStorm Utility

32GB GDDR7 | LIQUID COOLING | SPECTRA 2.0 | DUAL BIOS

TECHNICAL SPECIFICATIONS

SPECIFICATIONS

- NVIDIA GeForce RTX 5090 GPU
- 21760 CUDA cores
- 32GB GDDR7 memory
- 512-bit memory bus
- Engine boost clock: 2437 MHz
- Memory clock: 28 Gbps
- PCI Express 5.0 x16

SOFTWARE COMPATIBILITY

- Game Ready and NVIDIA Studio Drivers
- PCI Express® Gen 5
- Microsoft DirectX® 12 Ultimate
- Vulkan RT APIs, Vulkan 1.4
- OpenGL 4.6
- Windows 11 / Windows 10 64-bit (v1809 November 2018 or later)

CONNECTIONS

- 3 x DisplayPort 2.1b with UHBR20 (up to 4K 480Hz or 8K 165Hz with DSC)
- 1 x HDMI® Connector (Supports 4K 480Hz HDR or 8K 120Hz HDR with DSC, and Gaming VRR as specified in the HDMI 2.1b Specification)
- HDCP 2.3 support
- Up to 4 displays simultaneously

POWER REQUIREMENTS

- 1000-watt power supply recommended
- 575-watt max power consumption
- 1 x 12v-2x6 power input*

INSIDE THE BOX

- ZOTAC GAMING GeForce RTX 5090 ArcticStorm AIO
- User Manual
- 4 x 8-pin-to-16-pin cable
- ARGB GPU Support Bracket

DIMENSIONS

Card:

- Length: 251.6 mm (9.9 in)
- Height: 160.1 mm (6.3 in)
- Width: 2.5 slot (49 mm) (1.9 in)

Tube Length: 520mm (20.47 in)

Radiator (with fans):

- Length: 394 mm (15.5 in)
- Height: 55.7 mm (2.2 in)
- Width: 122.8 mm (4.8 in)

Radiator (without fans):

- Length: 394 mm (15.5 in)
- Height: 27.2 mm (1.07 in)
- Width: 119.2 mm (4.7 in)

Box:

- Height: 562mm (22.1 in)
- Width: 438mm (17.2 in)
- Depth: 172mm (6.8 in)

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*High power consumption, please carefully read your PSU manual before installation.

For more information please visit:

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