

Golden Award Computer & System

MSI GeForce RTX™ 5090 32G
LIGHTNING Z



Micro-Star International
微星科技股份有限公司



Winning Reason

The MSI GeForce RTX 5090 32G LIGHTNING Z redefines the GPU, evolving it from a graphics processor into a core computing platform for AI and extreme overclocking through elite power delivery, integrated liquid cooling system and highly adjustable architecture. Demonstrating breakthrough engineering in AI computation and peak performance, it stands as a pivotal technological benchmark. This is not merely a graphics card; it is a radical experiment in condensing datacenter-grade computing power into a personal PC.

Product Feature

- Powered by NVIDIA 5090 GPU, enabling extreme overclocking
- World's first 8-inch GPU display with interactive control
- World's first graphics card supporting 1000W power delivery
- World's 40-phase extreme OC PCB with dual 16-pin connectors
- 3oz copper layer for improved conductivity and stability
- Lightning-grade components ensure extreme reliability
- V-Check Points enable precise voltage monitoring
- World's first full copper cold plate for GPU, memory, and VRM cooling
- Next-gen liquid pump boosts coolant flow by 70%
- Hybrid-fin design optimizes thermal efficiency
- LIGHTNING fans improve airflow, boosting cooling by 10%
- Supports 2500W XOC BIOS and MSI Afterburner/Overdrive
- LIGHTNING HUB enables real-time monitoring
- Carbon fiber design with Lightning aesthetics