TARJETAS GRÁFICAS

GeForce RTX™ 5090 32G LIGHTNING Z







SPECIFICATIONS

Marketing Name	GeForce RTX™ 5090 32G LIGHTNING Z
Memory	32GB GDDR7
Motor de gráficos	NVIDIA® GeForce RTX™ 5090
Norma Bus	PCI Express® Gen 5x 16
Interfaz de Memoria	512bit
Velocidad clock núcleo (MHz)	Extreme Performance: 2775 MHz (MSI Center) Boost: 2730 MHz
Velocidad clock memoria (MHz)	28 Gbps
Máximo de pantallas	4
Tecnología G-SYNC™	Y
Salida	USB Type-C x 1 (Dedicated for Lightning display panel only), DisplayPort x 3 (2.1b), HDMI™ x 1 (As specified in HDMI™ 2.1b: up to 4K 480Hz or 8K 120Hz with DSC, Gaming VRR, HDR)
Soporte HDCP	Y
Consumo (W)	OC:800 W EXtreme:1000W
Alimentación recomendada (W)	1500W+
Resolución máxima digital	7680 x 4320
Conectores de alimentación	16-pin x 2 (1-to-3 dongle not supported.)
Soporte DirectX Versión	12 Ultimate
Soporte OpenGL Versión	4.6
Dimensiones (mm)	Card: 260 x 151 x 61 mm Radiator: 394 x 120 x 56 mm

FEATURES

CUSTOM PCB FOR EXTREME OVERCLOCKING

Engineered for extreme 3oz copper layer and premium components to deliver exceptional stability, and sustained peak performance.

FORGED IN CARBON FIBER — REINFORCED. LIGHT. BEAUTIFUL.

Rigid carbon fiber and Lightning Pattern detailing deliver technical elegance.

FULL-COVER COLDPLATE FOR MAXIMUM COOLING

Precision-engineered waterways cover the GPU, VRAM, and MOSFETs, ensuring uncompromised thermal performance.

HYBRID-FIN RADIATOR FOR OPTIMIZED AIRFLOW

A uniquely engineered fin structure alternates between dense and sparse sections, creating distinct hot and cold zones that enhance heat exchange.

NEXT-GENERATION ADVANCED PUMP

Delivers higher pressure and precision-optimized coolant flow for thermal efficiency and sustained peak performance.

WORLD'S FIRST GRAPHICS CARD WITH A FULL 8-INCH DISPLAY

Introducing the world's first graphics card with a fully integrated 8-inch screen, blending aesthetics and function.

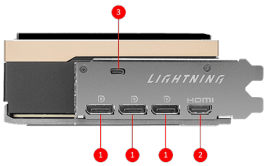
LIGHTNING FAN – MASTERING AERODYNAMIC POWER

Designed for the Lightning series, the fan's aerodynamic blades optimize airflow and pressure to ensure maximum cooling.

LIGHTNING HUB & OVERDRIVE APP – TOTAL CONTROL, ANYWHERE

Exclusive to the Lightning series, this web-based hub and mobile app deliver seamless GPU, display, and lighting control.

CONNECTIONS



1. DisplayPort
2. HDMI™
3. Type-C (For Lightning display panel only)

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