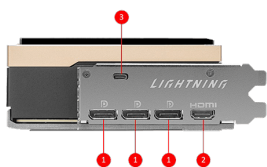




SPECIFICATIONS

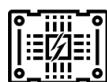
Marketing Name	GeForce RTX™ 5090 32G LIGHTNING Z
Model Name	G5090-32LZ
Cores	21760 Units
Memory	32GB GDDR7
Standard sběrnice	PCI Express® Gen 5x 16
Rozhraní paměti	512bit
Takt jádra (MHz)	Extreme Performance: 2775 MHz (MSI Center) Boost: 2730 MHz
Takt paměti (MHz)	28 Gbps
Max připojených displejů	4
Output	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)
HDCP podpora	Y
Doporučený výkon zdroje (W)	1500W+
Digital Maximum Resolution	7680 x 4320
Napájecí kabely	16-pin x 2 (1-to-3 dongle not supported.)
Podpora DirectX verze	12 Ultimate
Podpora OpenGL verze	4.6
Rozměry (mm)	Card: 260 x 151 x 61 mm Radiator: 394 x 120 x 56 mm
Váha (g)	TBD g / TBD g

CONNECTIONS



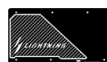
1. DisplayPort
2. HDMI™
3. Type-C (For Lightning display panel only)

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.