



## SPECIFICATIONS

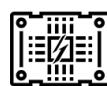
Marketing Name	GeForce RTX™ 5090 32G LIGHTNING Z
Model Name	G5090-32LZ
Cores	21760 Units
Memory	32GB GDDR7
DirectX Version Support	12 Ultimate
Maximum Displays	4
G-SYNC™ technology	Y
Output	USB Type-C x 1 (Dedicated for Lightning display panel only), DisplayPort x 3 (2.1b), HDMI™ x 1 (As specified in HDMI™ 2.1b: up to 4K 480Hz or 8K 120Hz with DSC, Gaming VRR, HDR)
Power consumption (W)	OC:800 W EXtreme:1000W
Digital Maximum Resolution	7680 x 4320
Versión Soportada de OpenGL	4.6
Peso	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.