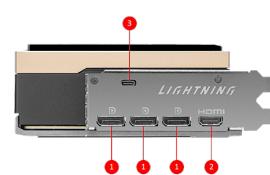




## SPECIFICATIONS

Marketing Name	GeForce RTX™ 5090 32G LIGHTNING Z
製品型番	G5090-32LZ
搭載GPU	NVIDIA® GeForce RTX™ 5090
コア数	21760 Units
コアクロック [MHz]	Extreme Performance: 2775 MHz (MSI Center) Boost: 2730 MHz
メモリタイプ*2	32GB GDDR7
メモリスピード	28 Gbps
メモリバス幅 [bit]	512bit
HDCPサポート	Y
消費電力 (W)	OC:800 W EXtreme:1000W
補助電源コネクタ*3	16-pin x 2 (1-to-3 dongle not supported.)
推奨電源ユニット容量 (W)	Extreme Performance: 1600W Boost: 1300W+
重さ (g)	TBD g / TBD g
サイズ	Card: 260 x 151 x 61 mm Radiator: 394 x 120 x 56 mm
DirectX対応バージョン	12 Ultimate
OpenGL対応バージョン	4.6
最大同時出力画面数	4
映像出力端子	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)
G-SYNC™ technology	Y
最大画面解像度 (デジタル)	7680 x 4320

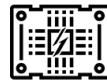
## CONNECTIONS



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.