



SPECIFICATIONS

Memory	12GB GDDR6
Graphics Engine	NVIDIA® GeForce RTX™ 3060
Bus Standard	PCI Express® Gen 4
Memory Interface	192-bit
Core Clock Speed(MHz)	Boost: 1837 MHz
Memory Clock Speed(MHz)	15 Gbps
Maximum Displays	4
G-SYNC™ technology	Y
Adaptive Vertical Sync	Y
Output	DisplayPort x 3 (v1.4a) HDMI™ x 1 (Supports 4K@120Hz as specified in HDMI™ 2.1)
HDCP Support	Y
Power consumption (W)	170 W
Recommended Power Supply (W)	550 W
Digital Maximum Resolution	7680x4320
Virtual Reality Ready	Y
Power Connectors	8-pin x1 / 6-pin x1
DirectX Version Support	12 API
OpenGL Version Support	4.6
Card Dimension(mm)	276 x 131 x 51 mm
Weight	996 g / 1567 g

CONNECTIONS



1. DisplayPort
2. HDMI™

FEATURES



Core Pipe

Precision-machined heat pipes ensure max contact to the GPU and spread heat along the full length of the heatsink.



Dragon Center

MSI's exclusive Dragon Center software lets you monitor, tweak and optimize MSI products in real-time.



Mystic Light

Mystic Light gives you complete control of the RGB lighting for MSI devices and compatible RGB products.



TWIN FROZR 8

TWIN FROZR 8 offers the perfect balance between cool temperatures and quiet fans during endless gaming sessions.



TORX FAN 4.0

A masterpiece of teamwork, fan blades work in pairs to create unprecedented levels of focused air pressure.



Airflow Control

Don't sweat it, Airflow Control guides the air to exactly where it needs to be for maximum cooling.



Zero Frozr

Zero Frozr is the calm before the storm, keeping fans still and maintaining silence until cooling is needed.



Aluminum Backplate

Thermal pads beneath the sturdy metal backplate provide additional cooling.