msi®

NVIDIA. GEFORCE RTX™

SPECIFICATIONS

Model Name	GeForce RTX™ 3070 Ti GAMING X TRIO 8G
Graphics Processing Unit	NVIDIA® GeForce RTX™ 3070 Ti
Interface	PCI Express® Gen 4
CUDA® CORES	6144 Units
Core Clocks	Boost: 1830 MHz
Memory Speed	19 Gbps
Memory	8GB GDDR6X
Memory Bus	256-bit
Output	DisplayPort x 3 (v1.4a) HDMI x 1 (Supports 4K@120Hz as specified in HDMI 2.1)
HDCP Support	Y
Power consumption	310 W
Power connectors	8-pin x2
Recommended PSU	750 W
Card Dimension (mm)	323 x 140 x 56 mm
Weight (Card / Package)	1515 g / 2343 g
DirectX Version Support	12 API
OpenGL Version Support	4.6
Maximum Displays	4
VR Ready	Y
G-SYNC® technology	Y
Adaptive Vertical Sync	Y
Digital Maximum Resolution	7680 x 4320

CONNECTIONS

1. DisplayPort
2. HDMI

FEATURES

TRI FROZR 2

TRI FROZR 2 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.

Core Pipe

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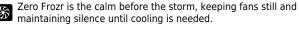
Aluminum Backplate

Thermal pads beneath the sturdy metal backplate provide additional cooling.

Zero Frozr

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

MSI Center

The exclusive MSI 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.