



# msi

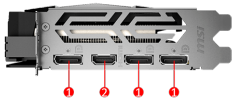
## GRAPHICS CARD **GEFORCE® GTX 1650** **SUPER™ GAMING X**



### SPECIFICATION

Model Name	GeForce® GTX 1650 SUPER™ GAMING X
Graphics Processing Unit	NVIDIA® GeForce® GTX 1650 SUPER™
Interface	PCI Express x16 3.0
Cores	1280 Units
Core Clocks	Boost:1755MHz
Memory Speed	12 Gbps
Memory	4GB GDDR6
Memory Bus	128-bit
Output	DisplayPort x 3 (v1.4) / HDMI 2.0b x 1
HDCP Support	2.2
Power consumption	100 W
Power connectors	6-pin x 1
Recommended PSU	350 W
Card Dimension(mm)	248 x 127 x 44 mm
Weight (Card / Package)	742 g / 1371 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	7680x4320

### CONNECTIONS



1. DisplayPort
2. HDMI

### FEATURE



#### TORX FAN 3.0

Award-winning fan design combining two different fin designs for cool & quiet gaming.



#### Mastery of Aerodynamics

Using groundbreaking aerodynamic techniques, the heatsink is optimized for efficient heat dissipation.



#### ZERO FROZR

Eliminates fan noise by stopping the fans in low-load situations so you can focus on your game.



#### CUSTOM PCB

An optimized PCB design with enhanced power delivery provides a solid base for high performance gaming.



#### DRAGON CENTER

A consolidated platform that offers all software including MYSTIC LIGHT functionality for your MSI Gaming product.



#### OC PERFORMANCE

MSI OC graphics cards are equipped with higher clock speeds out of the box for increased performance.



#### MSI Afterburner

The ultimate overclocking software with advanced control options and real-time hardware monitor.



#### NVIDIA® G-SYNC®

Gives you more of what you want in a gaming experience. Incredibly smooth, tear-free gameplay at refresh rates up to 240 Hz.