

Gigabyte GeForce RTX 3070 Ti GAMING 8G

Artikel
Herstellernummer
EAN
Gigabyte

128965
GV-N307TGAMING-8GD
4719331310974



WINDFORCE 3X COOLING SYSTEM

The WINDFORCE 3X cooling system features two 90mm and one 80mm unique blade fans, alternate spinning, 7 composite copper heat pipes, a large copper plate direct touches the GPU, 3D active fans and Screen cooling, which together provide high efficiency heat dissipation.

ALTERNATE SPINNING

Alternate Spinning can reduce the turbulence of adjacent fans and increase air pressure.

SMOOTH AIRFLOW

GIGABYTE turns the adjacent fans in the opposite direction, so that the airflow direction between the two fans is the same, reducing the turbulence and enhancing the airflow pressure.

3D ACTIVE FAN

The 3D Active Fan provides semi-passive cooling, and the fans will remain off when the GPU is in a low load or low power game.

UNIQUE BLADE FAN

The airflow is split by the triangular fan edge, and guided smoothly through the 3D stripe curve on the fan surface.

GRAPHENE NANO LUBRICANT

Graphene nano lubricant can extend the life of sleeve bearing fan by 2.1 times, close to the life of double ball bearing, and is quieter.

SCREEN COOLING

Extended heatsink design allows air flow to pass through, providing better heat dissipation.

LARGE COPPER & PLATE HEAT-PIPE

With direct contact to the GPU and VRAM, the large copper plate combines the composite heat pipes to efficiently transfer heat generated from the interior cores to the heat sink.

RGB FUSION 2.0

With 16.7M customizable color options and numerous lighting effects, you can choose lighting effects or synchronize with other AORUS devices.

PROTECTION METAL BACK PLATE

The metal back plate not only provides an aesthetical shape, but also enhances the structure of the graphics card to provide complete protection.

DUAL BIOS

Silent mode will provide a quieter experience. The mode switch requires a reboot to take effect. The default is OC mode.

EXTREME DURABILITY AND OVERCLOCKING

The graphics card uses the better power phase design to allow the MOSFET to operate at lower temperature, and over-temperature protection design and load balancing for each MOSFET, plus the Ultra Durable certified chokes and capacitors, to provide excellent performance and longer system life.

FRIENDLY PCB DESIGN

Fully automated production process ensures top quality of the circuit boards and eliminates sharp protrusions of the solder connectors seen on the conventional PCB surface. This friendly design prevents your hands from getting cut or inadvertently damaging components when making your build.

AORUS ENGINE

The cutting edge intuitive interface allows you to adjust the clock speed, voltage, fan performance and power target in real-time according to your game's requirements.

Zusammenfassung

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Gigabyte GeForce RTX 3070 Ti GAMING 8G, GeForce RTX 3070 Ti, 8 GB, GDDR6X, 256 bit, 7680 x 4320 pixels, PCI Express x16 4.0

Gigabyte GeForce RTX 3070 Ti GAMING 8G. Graphics processor family: NVIDIA, Graphics processor: GeForce RTX 3070 Ti, Processor frequency: 1770 MHz. Discrete graphics card memory: 8 GB, Graphics card memory type: GDDR6X, Memory bus: 256 bit, Memory clock speed: 19000 MHz. Maximum resolution: 7680 x 4320 pixels. DirectX version: 12 Ultimate, OpenGL version: 4.6. Interface type: PCI Express x16 4.0. Cooling type: Active, Number of fans: 3 fan(s), Illumination colour: Multi

Merkmale

System requirements		Ports & interfaces	
Windows operating systems supported	Windows 10 x64, Windows 11 x64, Windows 7 x64	Interface type	PCI Express x16 4.0
Packaging data		HDMI ports quantity	2
User guide	Y	HDMI version	2.1
Package type	Box	DisplayPorts quantity	2
Power		DisplayPort version	1.4a
Minimum system power supply	750 W	Memory	
Supplementary power connectors	2x 8-pin	Discrete graphics card memory	8 GB
Weight & dimensions		Graphics card memory type	GDDR6X
Depth	320 mm	Memory bus	256 bit
Height	55 mm	Memory clock speed	19000 MHz
Width	129 mm	Number of pipelines	7
Performance		Memory bandwidth (max)	608 GB/s
TV tuner integrated	N	Design	
DirectX version	12 Ultimate	Cooling type	Active
OpenGL version	4.6	Cooling technology	GIGABYTE WINDFORCE 3X
Dual Link DVI	N	Number of fans	3 fan(s)
NVIDIA G-SYNC	Y	Form factor	Full-Height/Full-Length (FH/FL)
		Bracket height	Full-Height (FH)
		Illumination	Y
		Illumination colour	Multi
		Product colour	Black, Grey
		Processor	
		CUDA	Y
		CUDA cores	6144
		Graphics processor family	NVIDIA
		Graphics processor	GeForce RTX 3070 Ti
		Processor frequency	1770 MHz
		Maximum resolution	7680 x 4320 pixels
		Parallel processing technology support	Not supported
		Maximum displays per videocard	4