



## MSI N780-3GD5 graphics card NVIDIA GeForce GTX 780 3 GB GDDR5

Brand : MSI

Product code: N780-3GD5

Product name : N780-3GD5

GeForce GTX 780 3GB GDDR5, 384-bit, 2 x DVI, HDMI, DisplayPort

[MSI N780-3GD5 graphics card NVIDIA GeForce GTX 780 3 GB GDDR5:](#)

### Afterburner Overclocking Utility.

- Support in-game video recording.
- Support wireless control by android/iOS handheld devices.
- Support built-in DX11 effect test.
- Support multi-card control.

### GPU Boost 2.0 Technology.

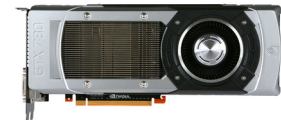
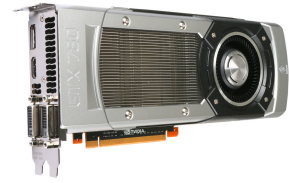
- Ensure the GPU runs at its peak and the game is at its highest frame rate possible.
- Offer new levels of customization including GPU temperature target, overclocking, and unlocked voltage.

### 3D Vision Surround.

- Support 3 displays in full stereoscopic 3D with a single card.
- Support up to 4 displays with a single card for multifunction.

### All Solid Capacitor.

- 10 years ultra long lifetime (under full load).
- Lower temperature and higher efficiency.
- Aluminum core without explosion.



Processor		Performance	
CUDA *	✓	TV tuner integrated *	✗
CUDA cores	2304	DirectX version *	11.1
Graphics processor family *	NVIDIA	Shader model version *	5.0
Graphics processor *	GeForce GTX 780	OpenGL version *	4.3
Processor frequency *	863 MHz	HDCP	✓
Processor boost clock speed	900 MHz	Dual Link DVI *	✓
Maximum resolution *	2560 x 1600 pixels	NVIDIA 3D Vision	✓
Graphics card RAMDAC	400 MHz	Full HD	✓
Parallel processing technology support *	2-Way SLI, 3-Way SLI	Texture Fill Rate (TFR)	160.5 GTexel/s
Maximum analog resolution	2048 x 1536 pixels	Design	
Maximum digital resolution	2560 x 1600 pixels	Cooling type *	Active
Stream processors	2304	Form factor	Full-Height/Full-Length (FH/FL)
Maximum displays per videocard	4	Bracket height	Full-Height (FH)
FireStream	✗	Number of slots	2
Processor cores	1	Product colour	Multicolour
Memory		Power	
Discrete graphics card memory *	3 GB	Minimum system power supply *	600 W
Graphics card memory type *	GDDR5	Power consumption (typical) *	250 W
Memory bus *	384 bit	Supplementary power connectors	1x 6-pin, 1x 8-pin
Memory clock speed	6008 MHz	Operational conditions	
Memory bandwidth (max)	288.4 GB/s	Operating temperature (T-T)	0 - 95 °C
Ports & interfaces		System requirements	
Interface type *	PCI Express 3.0	Windows operating systems supported	✓
HDMI ports quantity *	1	Mac operating systems supported	✗
HDMI version	1.4a	Linux operating systems supported	✓
TV-out	✗	Weight & dimensions	
TV-in port	✗		
DVI-D ports quantity *	1		

Ports & interfaces		Weight & dimensions	
DVI-I ports quantity *	1	Depth	39 mm
DisplayPorts quantity *	1	Height	98 mm
DisplayPort version	1.2	Width	267 mm
DVI ports quantity	2	<b>Packaging data</b>	
Performance		Manual	✓
PhysX	✓	Other features	
		Mac compatibility	✗



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Publication date: 18-JAN-2024. Prints or copies of Information are only valid on the printed Publication date