



## MSI N640GT-MD2GD3 graphics card NVIDIA GeForce GT 640 2 GB GDDR3

**Brand :** MSI

**Product code:** N640GT-MD2GD3

**Product name :** N640GT-MD2GD3

GeForce GT 640 2GB, DDR3, 128-bit, DVI/HDMI/D-Sub

[MSI N640GT-MD2GD3 graphics card NVIDIA GeForce GT 640 2 GB GDDR3:](#)

### GPU Overvoltage Support.

- Support GPU overvoltage function by Afterburner.
- Unleash overclocking potential of graphics card.

### Propeller Blade Technology.

- Produce 20% more airflow than traditional fan design.
- Increase dissipation area to cool down more components.

### Afterburner Overclocking Utility.

- Support GPU overvoltage function.
- Support in-game video recording.
- Support wireless control by android/iOS handheld devices.
- Support built-in DX11 effect test.

### All Solid Capacitor.

- 10 years ultra-long lifetime (under full load).
- Lower temperature and higher efficiency.
- Extreme low ESR.



Processor		Performance	
CUDA *	✓	OpenGL version *	4.2
CUDA cores	384	HDCP	✓
Graphics processor family *	NVIDIA	Dual Link DVI *	✓
Graphics processor *	GeForce GT 640	NVIDIA 3D Vision	✓
Processor frequency *	941 MHz	Full HD	✓
Shader clock	1882 MHz	<b>Design</b>	
Maximum resolution *	2560 x 1600 pixels	Cooling type *	Active
Graphics card RAMDAC	400 MHz	Form factor	Full-Height/Full-Length (FH/FL)
Parallel processing technology support *	Not supported	Bracket height	Full-Height (FH)
Maximum analog resolution	2048 x 1536 pixels	Number of slots	2
Maximum digital resolution	2560 x 1600 pixels	<b>Power</b>	
Stream processors	384	Minimum system power supply *	350 W
<b>Memory</b>		<b>System requirements</b>	
Discrete graphics card memory *	2 GB	Windows operating systems supported	✓
Graphics card memory type *	GDDR3	Mac operating systems supported	✗
Memory bus *	128 bit	Linux operating systems supported	✓
Memory clock speed	1782 MHz	<b>Weight &amp; dimensions</b>	
Memory bandwidth (max)	28.5 GB/s	Depth	37 mm
<b>Ports &amp; interfaces</b>		Height	115 mm
Interface type *	PCI Express 3.0	Width	171 mm
HDMI ports quantity *	1	<b>Packaging data</b>	
HDMI version	1.4a	User guide	✓
DVI-D ports quantity *	1	<b>Other features</b>	
VGA (D-Sub) ports quantity	1	Mac compatibility	✗
DVI ports quantity	1	HDMI	✓
<b>Performance</b>		Number of processors installed	1
PhysX	✓	Graphics card family	NVIDIA
TV tuner integrated *	✗		

**Performance**

DirectX version *	11
Shader model version *	5.0

**Other features**

Maximum operating temperature	98 °C
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