



N260GTX-T2D896-OC Info kit



by Kiner Liu/DPS Marketing / 2009-3-9

Version 1.0



- ❑ 216 Stream Processors
- ❑ 448 Bits Memory Bus
- ❑ Support DirectX 10
- ❑ Support CUDA
- ❑ Support PhysX



- ❑ Support 3-Way SLI
- ❑ Support HybridPower technology
- ❑ Support Hybrid/SLI PhysX



- ❑ Accelerated Video Transcoding (Badaboom, TMPGEnc)
- ❑ Hardware acceleration for Blu-Ray format (MPEG-2/VC-1/H.264)

Key features of MSI N260GTX



Twin Frozr

- Dual PWM Fans with 5 pipes
- Large heatsink
- Extra heatsink for Mem and PWM

All Solid Cap.

- Longer lifespan than electrolytic capacitors
- Endurable to operation under higher clock & temperature
- Avoid exploding capacitors to cause failure

Blow Fan Design

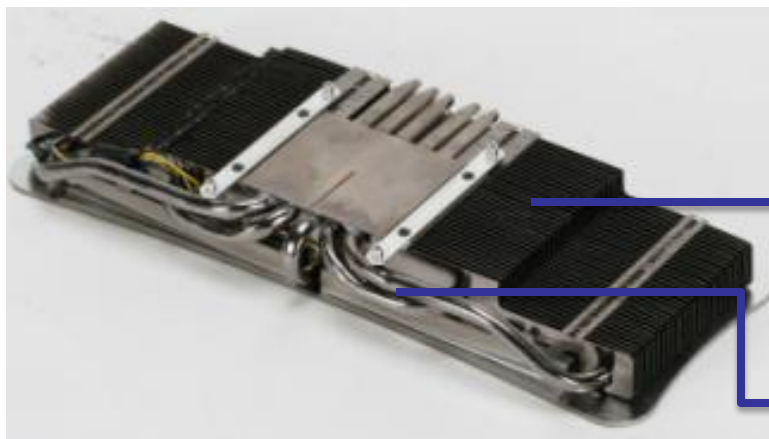
- Blow fan dissipate the heat out of the case.
- PWM Thermal control
- Independent PWM heatsink

Model	Core Clock	Shader Clock	Memory Clock
N260GTX-T2D896-OC	655MHz (OC)	1408MHz (OC)	2100MHz (OC)



➤ Dual Fan Design

- Resembling turbine engine of a fighter jet
- Provides up to 50% better thermal efficiency



➤ Huge heatsink

- Provides best heat dissipation

➤ 5 Heatpipe Design

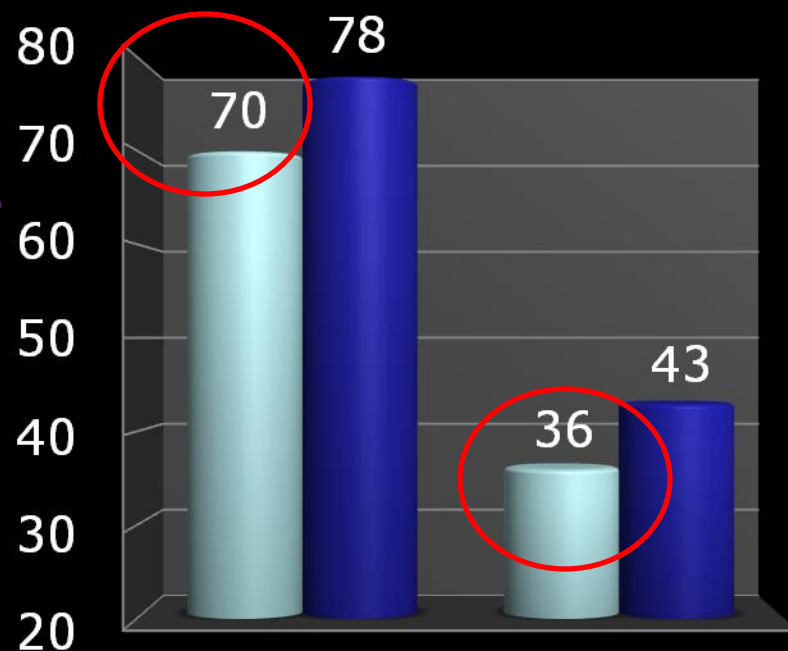
- Industry leading design
- Improved thermal efficiency

Temperature Comparison



- 1. Dual Fan Design:** Blow direct airflow to cool down power module(MOSFET, capacitors) , memory, and GPU.
- 2. Five Heat pipes:** Transfer the heat to the fins under the dual fans, and the fans dissipate the heat directly.

Lower is better (° C)



Max Temp

Min Temp

- Dual fans w/ five pipes
- Reference cooler

Outstanding performance
























Testing spec: CPU: Q6700 300x10 RAM: 1Gx2 MB: P35 OS: Vista 32

X = 3DMark Vantage Extreme Profile
P = 3DMark Vantage Performance Profile

Competitor Comparison

msi

Products	MSI N260GTX-T2D896-OC 	A-brand ENGTX260 TOP 	G-brand GTX260-OC 
Dual Fan Design	YES 	NO 	NO 
Five pipes	YES 	NO 	NO 
Core Clock	655Mhz 	650 Mhz 	576 Mhz 
Shader Clock	1408 MHz 	1400 Mhz 	1382 MHz 
Performance	High 	Average 	Low 
Stability	High 	Average 	Average 

Products Spec



Market Name	N260GTX-T2D896-OC
Photo	
GPU	GeForce GTX260
Codename	GT200
Manufacture Process	55nm
Stream Processor	216SP
Core Clock	655Mhz(OC) / 576Mhz
Stream Processor Clock	1408Mhz (OC) / 1242Mhz
Memory Clock	2100Mhz (OC) / 1998Mhz
Memory Size	896MB
Memory Bus	448bits
DirectX Version	DirectX 10
OpenGL Version	OpenGL 2.1
Output	2 * DVI-I + TV-OUT
TDP	225W

Conclusion



- ❑ **Twin Frozr** ensures the best heat dissipation and lowest working temperature
- ❑ **All Solid Capacitors** for longer lifespan and stability
- ❑ **OC Edition** provides better performance compared to ref. models



N260GTX-T2D896-OC



MSI N260GTX series provides the better cooling and 3D performance!



Thank You

Q&A?

