

Colorful GF9800GT-512M DDR3 H10 Spec

Model Name: GF9800GT-512M DDR3 H10

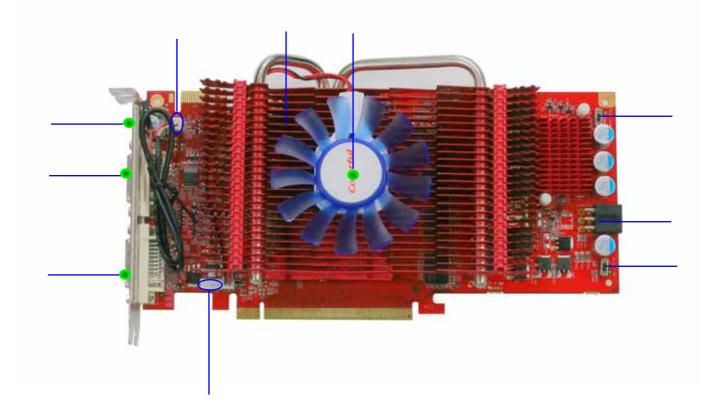
OverView:

- Chip: NVIDIA GeForce9800GT GPU (G92)
- Core Clock: 600MHZ
- Shader Clock: 1500MHZ
- Memory Clock: 1800MHZ
- Memory Bandwilth: 256BIT
- Memory Module: SAMSUNG GDDR3 FBGA 1.0NS
- Interface: DVI+DVI+HDMI

ADVANTAGES:

- 1. With 2 swiches beside the power supply system. The are used for adjusting the voltage of the core and memory, in order to have a better overclocking ability.
- 2. With high quality heat-pipe cooling system, start up temperature is only 42 degrees Celsius, and in the 3D Bench Mark 06 is only 51 degrees Celsius (Ambient temperature is 25 degrees Celsius).
- 3. Using high quality inductors and capatitors, ensure the graphics card steadly working.
- 4. Support for NVIDIA® PureVideo® HD Technology
- 5. PCI Express 2.0 Support, NVIDIA® PhysXTM-Ready
- 6. Support NVIDIA 2-way SLI® Technology.





- Dual-link DVI1
 HDMI port
 SAMSUNG GDDR3 1.0ns
- 7. Switch 1
- 9. Switch 2

2. Dual-link DVI2 4. SPDIF connector 6. High efficiency cooling system 8. 6-pin power connector 10. 4-pin fan connector



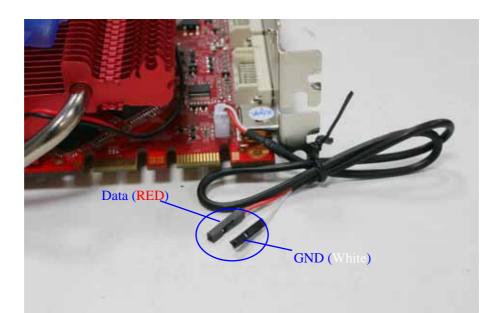


Uninstall the cooler

Parts of the graphics card:



Output: DVI+DVI+HDMI



The 2-pin SPDIF-IN pinhead is for the audio output of the HDMI. Please use the SPDIF connecting cable in the accessories, one end connect to the graphics card, the other end connect to the SPDIF-OUT pinhead of the motherboard (**Please refer to the definition of SPDIF pinhead in the motherboard manual**). The RED cable is data cable, and the WHITE cable is GND.





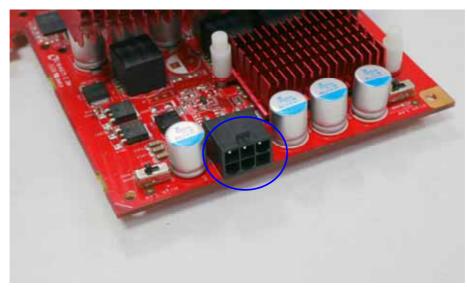
Switch 1



Switch 2

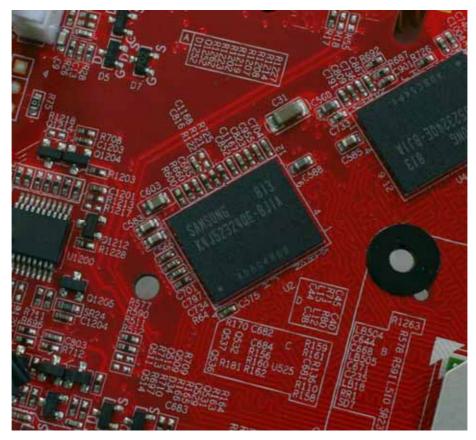
The 2 switches are used for adjusting the memory voltage and core voltage. When switch to the top, the voltage will be added, and the overclocking ability will be improved. Caution: The system might come to unstable when overclocking, so normal users please keep the

default clock and voltage.



6-pin power supply connector





Used 8pcs high quality SAMSUNG 1.0ns GDDR3 memory modules



9800GT GPU





2-way SLI



High efficiency fan with heat pipe



3+1 phases Power Supply System: Using high quality inductors and capacitors





Accessories: 1* User's Guider, 1* Driver CD, 1* 6-pin Power Commutator cable, 1* DVI to VGA adaptor.



The packing



GPU-Z reference:

Graphics Card	Sensors V	alidation					
Name	NVID	IA GeFord	e 9800) GT	— [_
GPU	G92	Revi	sion 🗌	A2		O.	
Technology	65 nm	Die	Size 🗌	330 mr	n²	NVIDI	A
BIOS Version	62	2.92.46.00).04		¢		
Device ID	10DE - 0605	5 Subv	endor	L	Inknow	in (7377)	
ROPs	16	Bus Int	erface	F	PCI-E x	16@x8	
Shaders	112 Un	nified	Direc	:K Supp	ort	10.0 / SM4	.0
Pixel Fillrate	9.6 GPixe	el/s ·	Texture	Fillrate	38.	4 GTexel/:	s
Memory Type	GDDR	3	Bus	Width		256 Bit	
Memory Size	512 MB	}	Bar	ndwidth	5	7.6 GB/s	_
Driver Version	nvlddmkr	n 7.15.11	7779 (F	ForceW	are 177	.79) / Vista	1
GPU Clock	600 MHz	Memory	900	MHz	Shade	ar 1500 M	Hz
Default Clock	600 MHz	Memory	900	MHz	Shade	er 1500 M	Hz
NVIDIA SLI			Disa	bled			_

GF9800GT 512M DDR3

aphics Card Sensors V	alidation	
GPU Core Clock	600.0 MHz	1
GPU Memory Clock	900.0 MHz	
GPU Temperature	42.0 °C	
Fan Speed	35 %	
Continue refreshing this	screen while GPU-Z is in	the background

42 when start up



iraphics Card Sensors \	/alidation	6
GPU Core Clock	600.0 MHz	
GPU Memory Clock	900.0 MHz	
GPU Temperature	51.0 °C	
Fan Speed	35 %	

51 when run the 3D Bench Mark