

## Colorful iGame GTS250 512M DDR3 R08 5F Spec

### **Model Name:**

iGame GTS250 512M DDR3 R08 5F

### **OverView:**

- ✿ **Chip: NVIDIA GTS250 GPU**
- ✿ **Core Clock: 740MHZ**
- ✿ **Shader Clock: 1836MHZ**
- ✿ **Memory Clock: 2200MHZ**
- ✿ **Memory Bandwidth: 256BIT**
- ✿ **Memory Module: SAMSUNG GDDR3 FBGA 0.8NS 512M**
- ✿ **Interface: DVI+DVI+HDMI**

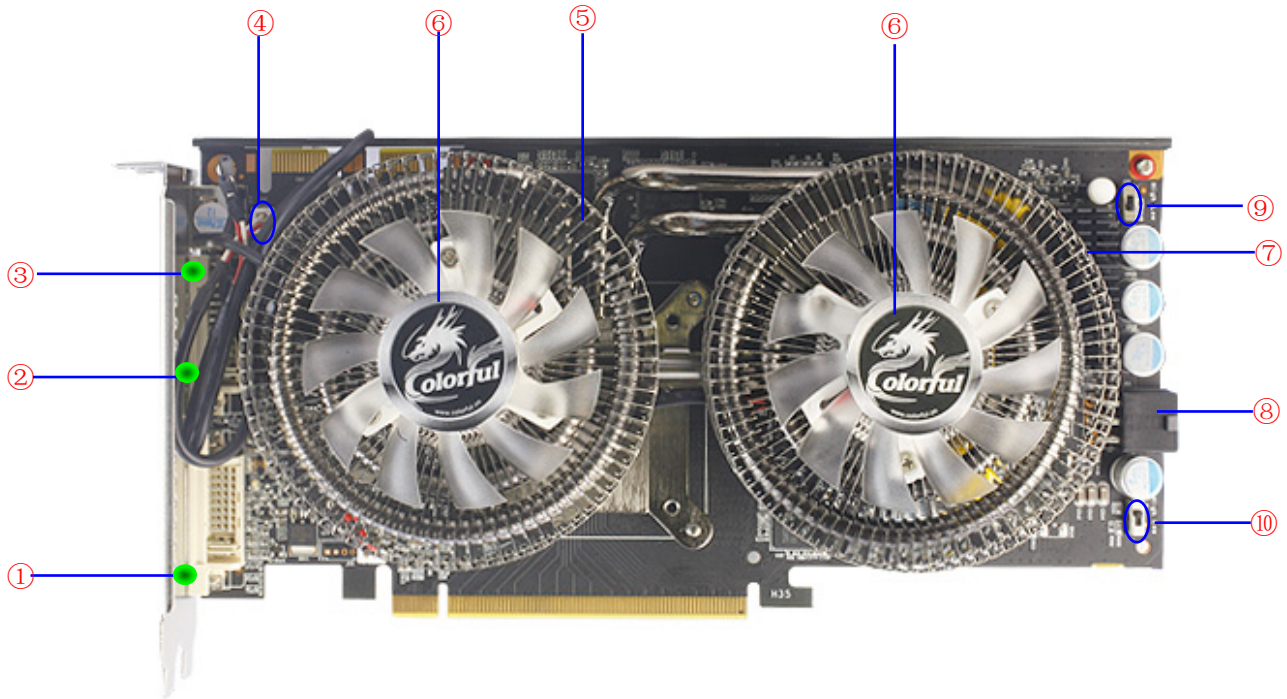
### **ADVANTAGES:**

1. **Colorful high-end iGame\* series graphics card, with personalized functions and amazing overclocking capability.**
2. **Based on black PCB design and black cooler, that makes the card stylish and attractive .**
3. **With high quality cooling system: dual-fan blade design, 4 pure copper heat-pipes, pure copper base and blue LED light, quiet and efficient.**
4. **With UVC (GPU Voltage Control)and VVC(VGA memory Voltage Control) switches onboard, they are used for adjusting the voltage of the core and memory, in order to enhance overclocking capability.**
5. **Use high-quality Ferrite Core Chokes and All-Solid Capacitors to ensure the graphics card a longer life.**
6. **Support for NVIDIA® PureVideo® HD Technology**
7. **PCI Express 2.0 Support, NVIDIA® PhysX™-Ready.**
8. **Support NVIDIA 3-way SLI® Technology**

\*About Colorful iGame graphics card

Colorful iGame series were established in Aug 2008, and it have made a great success in Chinese market. The iGame series graphics cards are all high-end graphics cards, with stylish design , high efficient cooling system and use a lot of luxurious components to enhance the overclocking capability and stability.

iGame graphics cards are designed for the game enthusiasts and hardware enthusiasts, with a particular function which is named I.P.U. (iGame Power Unit). The I.P.U. system including 7 parts, they are: All-Solid-State Power System; Dual Bios System; GPU Voltage-Control; VRAM Voltage-Control; Temperature Intelligent Alarm; LED Automatic Debug; Xtreme-Freezing Cooling System. Each of the iGames graphics cards have some of the units which can highly improve the graphics card performance.



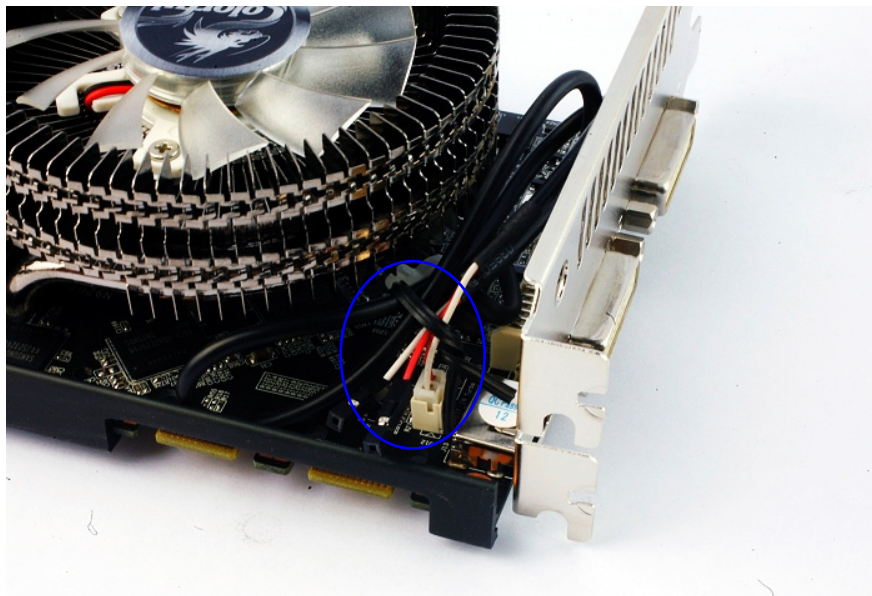
- 1. Dual-link DVI port
- 3. HDMI port
- 5. SAMSUNG GDDR3 0.8ns
- 7. Heat-sink for MOSFT
- 9. VVC Control

- 2. Dual-link DVI port
- 4. SPDIF connector
- 6. Dual fan cooling system
- 8. 6-pin power connector
- 10. UVC Control

Parts of the graphics card:



Output: DVI+DVI+HDMI



The 2-pin SPDIF-IN pinhead is for the audio output of the HDMI. Please connect the other end 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.





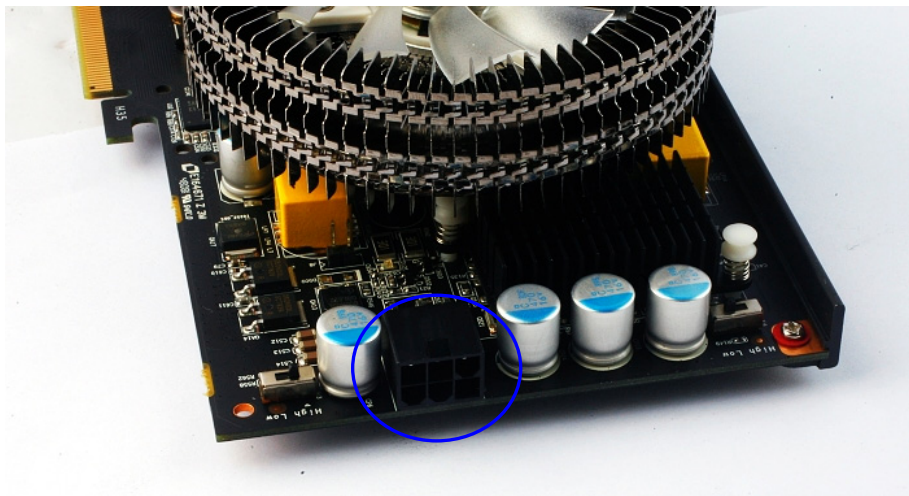
Dual-fan blade design, 4 pure copper heat-pipes, pure copper base



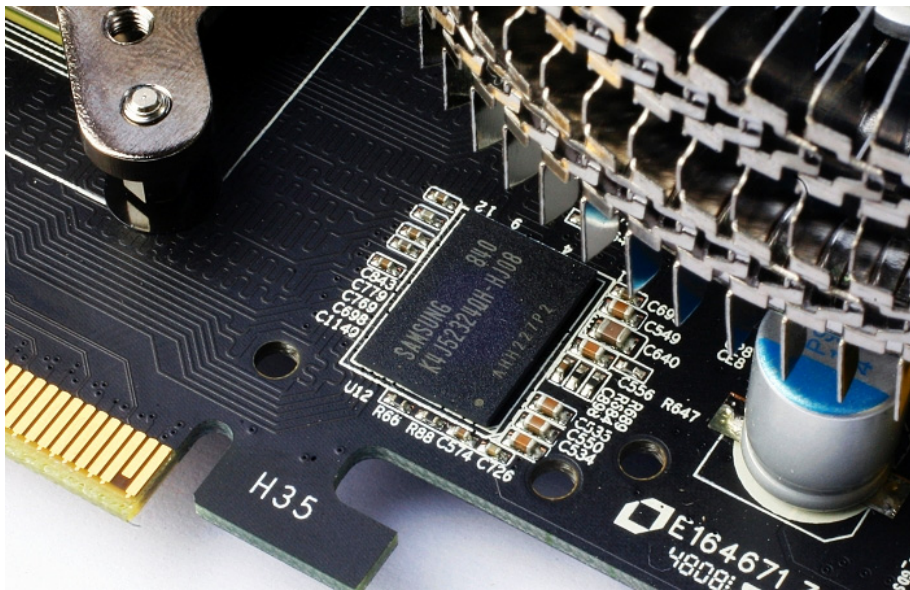
Blue LED when it runs



3-way SLI Ready



6-pin power supply connector



Used high quality SAMSUNG 0.8ns GDDR3 memory modules





VVC Switch and UVC Switch



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

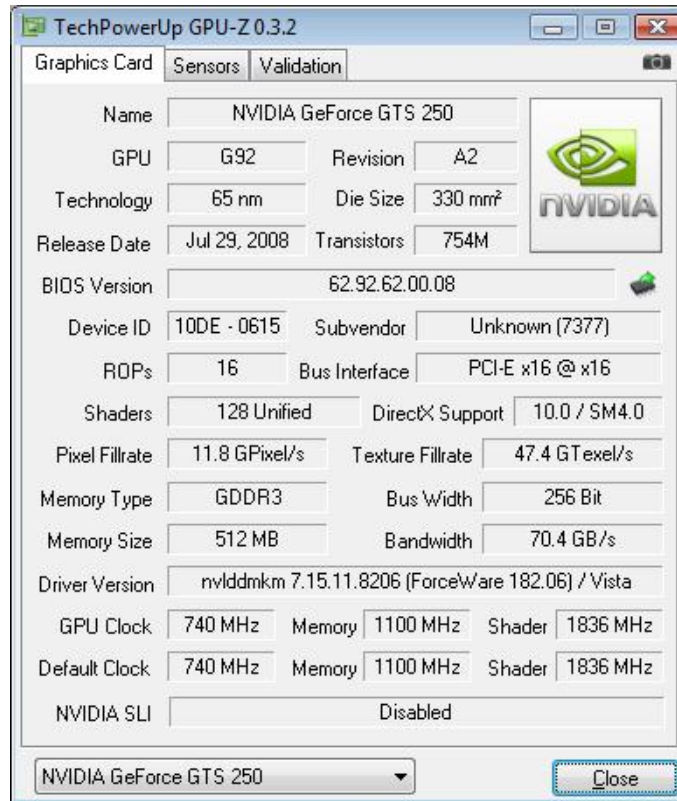


The packaging

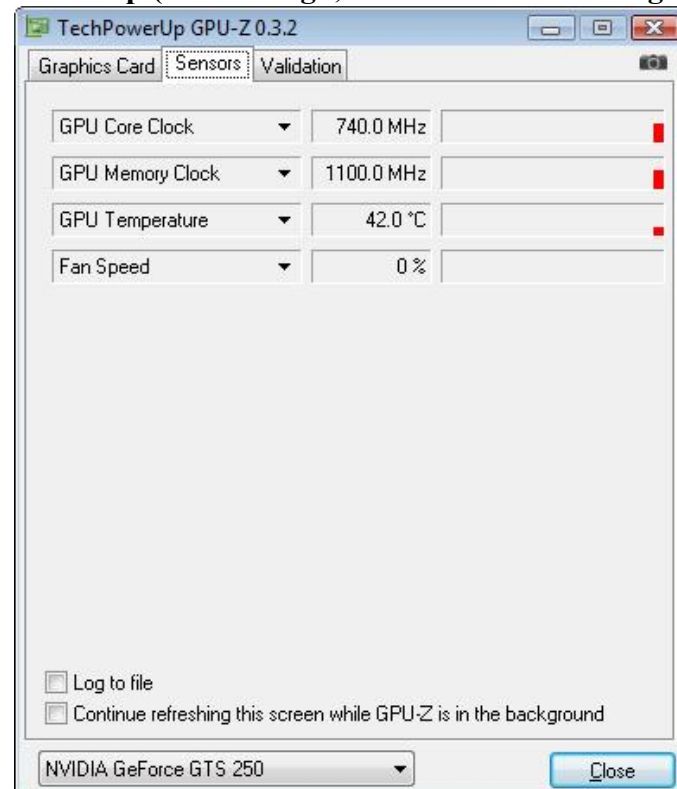
Driver installation



GPU-Z reference

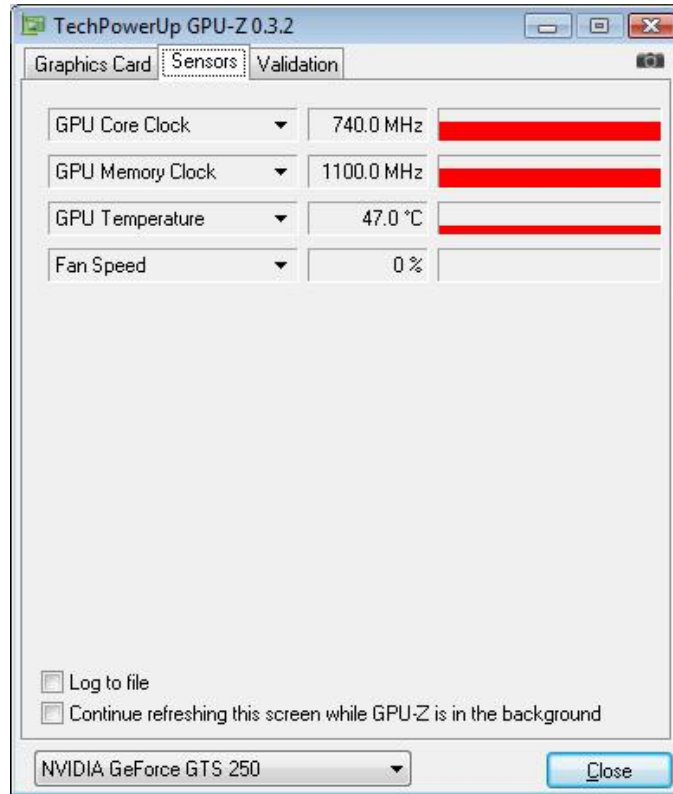


GTS250 chip (55nm design, but GPU-Z can't recognize.)



Booting Temperature





**Run 3D Mark 06**