

SPARKLE Proudly Announced Calibre Fly Cooling System For DIYer

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Taipei, Taiwan – SPARKLE Computer Co., Ltd., the professional VGA card manufacturer and supplier, today proudly announced Calibre Fly Cooling System - an ultimate graphics cards cooling solution for mainstream and high-end DIYer who seek higher graphics performance and lower working temperatures. DIYer can buy and install the Calibre Fly cooling system by themselves.

The ordinary cooling fans for graphics cards may have a daunting thermal performance puzzle due to the insufficient wind pressure and airflow from the reference cooling fans. Now with strong R&D teams, the Calibre Fly Cooling System was born in the SPARKLE Engineering and Development labs. SPARKLE continues to intelligently innovate with the introduction of the next legend within the Calibre Fly Cooling System series: the Calibre Dual Fly Cooling System for most mainstream and high-end graphics cards on market.

Calibre Fly Cooling System consists of copper or Copper-aluminum combination die-casting thermal base, high-efficient heat pipes and dual cooling fans with 0.2 mm thin cooling fins. When the GPU starts working, the copper die-casting thermal base will quickly take the working heat from the GPU to the heat-pipe horizontally put inside the thermal base, and the heat will be equably and rapidly spread to the left part and right part of the copper die-casting thermal base, at same time, the two circular heat pipes also quickly bring the heat from GPU to the 0.2 mm thin cooling fins, now the strong wind pressure and airflow made by two cooling fans take all the heat out of the cooling module. This Cooling System developed by SPARKLE itself can get the most heat exchange area in a limited space, guarantee a highly efficient cooling effect. Besides, the cooling fans of the Calibre Fly Cooling System can be adjusted aslant, so not only MOS circuit on the PCB can be cooled efficiently, motherboard temperature also dropped significantly, the whole cooling efficiency can be raised too.

According to the cooling test data provided by SPARKLE, when tilting the two cooling fans of the Calibre Dual Fly Cooling System 15 degrees, the GPU, video memory and MOS working temperatures can be 13, 4 and 10 centigrade degrees lower than the reference cooling fans. The chassis environmental temperature also dropped by 5 centigrade degrees. At the same time, compared with the 34dB working noise brought by ordinary graphics cooling fans, the Fly Cooling System exclusively provided by SPARKLE has obvious advantage, its working noise only reaches 30dB. (Compare with reference design GeForce 8800 GT)

Calibre Fly Cooling System Features:

- Copper-aluminum combination die-casting thermal base with incredible thermal conduct quotiety
- SPARKLE Exclusive - flow design maximizes surface area and dramatically reduces temps
- High-efficient heat pipes to efficiently transfer the heat
- Dual cooling fans with 0.2 mm thin cooling fins, allowing strong wind pressure and airflow
- The cooling fans can be adjusted aslant, allowing MOS circuit to be cooled efficiently
- Ultimate Cooling Solution for GPU, Memory and MOS areas on graphics cards
- Reduces temperatures dramatically during maximum load compared with ordinary graphics cards cooling fans

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About SPARKLE Computer Co., Ltd.

SPARKLE Computer Co., Ltd, established in 1982, is a high-end VGA card manufacturer and supplier to mainly provide NVIDIA series VGA card. With its strong R&D ability and investment in both hardware and software, Sparkle aims to provide the most price-competitive products while with best-in-class quality and service. Not only launch partner, Sparkle is also one of the certificated vendors of NVIDIA. Currently, SPARKLE products sell in more than 80 countries and on the web at www.sparkle.com.tw

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