



X-Viper 850W 80+ Bronze Active PFC 14CM FDB Fan Single Rail

Description

Powercool is Proud to announce the launch of its Ultra-silent X-Viper Series, which contains an ultra-silent "Fluid Dynamic Bearing" (FDB) fan as its major cooling component. FDB fans offer better airflow, allowing for better ventilation. The average FDB fan has a long lifespan (100K hrs.), whilst staying virtually silent for more than 2 years.



The X-Viper Series has been awarded the 80+ Bronze certificate across the range, and is also ERP Lot6 ready (+5VSB consumption <1W). The single +12V rail on the X-Viper Series allows the use of high end graphics cards, whilst giving greater stability to your PC.

Key Features

Support - Compliance with newest Intel standard ATX 12V, V2.2, V2.91, EPS12V

Efficiency - 85% at typical

MTBF > 100,000 hrs

Cooling System - Smart brand new 140cm Fluid Dynamic Bearing (FDB) Fan with intelligent Fan Control (800RPM ~1500RPM)

Protection - Over Voltage Protection (OVP), Under Voltage Protection (UVP), Over Power Protection (OPP), Over Temperature Protection (OTP) & Short Circuit Protection (SCP)

Stand-by mode consumption < 1W meets U.S.A Energy Standards/ EuP (Energy-using Products) instructions.

Key Components - The X-Viper uses Taiwanese-Manufactured Major Components for better quality and steady electrical support.

Double EMI Filter - for electromagnetic protection

PSU Specifications

| AC INPUT: 110V-240V 11A at 110V, 5.5A at 240V 60/50Hz | | | | | |
|---|-------|-----|-------|------|-------|
| DC Output Max | +3.3V | +5V | +12V1 | -12V | +5VSB |
| | 25A | 25A | 71A | 0.8A | 6A |
| 850W | | | | | |

Connectors



20+4 Pin Main Connectors:

1



4+4 Pin 12V Connectors:

1



SATA Connectors:

9



4-Pin Molex Connectors:

5



6+2 Pin PCI-e Connectors:

4



Floppy Drive Connectors:

1

Detailed Specifications

| | |
|------------------------|----------------------------------|
| Dimensions: | 158mm x 86mm x 150mm (W x H x D) |
| Input Voltage: | 110V-240V |
| Input Current: | 11A at 110V, 5.5A at 240V |
| Input Frequency Range: | 60/50Hz |
| PFC: | Active PFC (>.99) |
| Power Good Signal: | 100-500 ms |
| Hold Up Time: | >17ms |
| Efficiency: | 85% Typically |
| MTBF: | > 100,000 Hours |
| Protection: | OVP/UVP/OPP/OTP/SCP |
| Power: | 850W |

| | |
|------------------------|---|
| Operation Temperature: | 0-50°C |
| Safety: | CE / FCC / UL / TUV |
| Cooling: | 140mm Fluid Dynamic Bearing fan |
| Noise: | < 21 dBA |
| 80 Plus Certified: | Yes - 80 Plus Bronze |
| Certification: | nVidia SLi Certified ATI Crossfire Certified |