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MSI 4065481004066

MSI CPU Fan User Manual

Model: E33-0800680-PC6 (4065481004066)

Brand: MSI

Introduction

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of your original MSI CPU fan, model E33-0800680-PC6. This fan is designed for specific MSI systems, including the Trident 3 8R/8S (MS-B920) and Creator P50 11 (MS-B937) series. Please read this manual carefully before proceeding with any installation or maintenance.

1. Setup and Installation

Proper installation is crucial for the optimal performance and longevity of your CPU fan. It is recommended that installation be performed by a qualified technician.

1.1 Compatibility

This CPU fan is compatible with the following MSI models:

- MSI Trident 3 8RA/8RB/8RC/8RD/8SC (MS-B920)
- MSI Creator P50 11 (MS-B937)
- MSI Creator P50 11TG (MS-B937)
- MSI Creator P50 11TC (MS-B937)
- MSI Creator P50 11SI (MS-B937)

1.2 Installation Steps

1. **Preparation:** Ensure the system is powered off and disconnected from the power source. Discharge any static electricity before handling components.
2. **Access:** Open the computer case to access the CPU and existing cooling solution. Refer to your system's specific service manual for instructions on accessing internal components.
3. **Removal of Old Fan (if applicable):** Carefully disconnect the 4-pin power cable from the motherboard. Unscrew and remove the old fan assembly.
4. **Thermal Interface:** *Note that this fan does NOT include thermal interface material.* If replacing an old fan, clean off any old thermal paste from the CPU and heatsink surface using isopropyl alcohol. Apply new thermal paste to the

CPU before installing the new fan.

5. **Installation of New Fan:** Position the new MSI CPU fan (E33-0800680-PC6) onto the heatsink and secure it with the appropriate screws. Ensure it is firmly seated.
6. **Connect Power:** Connect the fan's 4-pin power cable to the corresponding CPU fan header on the motherboard. Ensure the connection is secure.
7. **Reassembly:** Close the computer case and reconnect all peripherals.



Figure 1: Top view of the MSI CPU fan (E33-0800680-PC6) showing the fan blades and the 4-pin power connector.



Figure 2: Bottom view of the MSI CPU fan (E33-0800680-PC6) illustrating the heatsink and mounting points.

2. Operating Instructions

Once properly installed, the MSI CPU fan operates automatically, controlled by the system's motherboard and BIOS/UEFI settings. Its primary function is to dissipate heat generated by the Central Processing Unit (CPU), maintaining optimal operating temperatures.

- **Automatic Operation:** The fan speed will adjust dynamically based on the CPU temperature, increasing during heavy loads and decreasing during idle periods.
- **4-Pin Connector:** The 4-pin connector allows for Pulse Width Modulation (PWM) control, enabling precise fan speed regulation by the motherboard.
- **Monitoring:** You can monitor CPU temperature and fan speed through system monitoring software provided by your motherboard manufacturer or third-party utilities.

3. Maintenance

Regular maintenance helps ensure the fan's efficiency and extends its lifespan.

- **Dust Removal:** Periodically (e.g., every 3-6 months), power off and unplug your system. Open the case and use compressed air to gently blow dust out of the fan blades and heatsink fins. Hold the fan blades to prevent them from spinning rapidly during cleaning, which can damage the bearings.
- **Inspection:** Visually inspect the fan for any signs of damage, loose wires, or excessive dust buildup.
- **Thermal Paste:** If you notice consistently high CPU temperatures despite cleaning, the thermal paste might need to be reapplied. This is an advanced procedure and should only be done by experienced users or technicians.

4. Troubleshooting

If you encounter issues with your CPU fan, consider the following troubleshooting steps:

- **Fan Not Spinning:**
  - Check if the 4-pin power cable is securely connected to the motherboard's CPU fan header.
  - Ensure the system is receiving power.
  - Check BIOS/UEFI settings to ensure the CPU fan header is enabled and not set to a "silent" or "off" mode at low temperatures.
- **Excessive Noise:**
  - Dust buildup is a common cause of noise. Perform a thorough cleaning as described in the Maintenance section.
  - Ensure no cables or other components are obstructing the fan blades.
  - If the noise persists and sounds like a grinding or rattling, the fan bearings may be failing, indicating a need for replacement.
- **High CPU Temperatures:**
  - Verify the fan is spinning.
  - Clean the fan and heatsink thoroughly to remove dust.
  - Ensure proper airflow within the computer case.
  - Confirm that the fan and heatsink are securely mounted to the CPU and that thermal paste was applied correctly.

If these steps do not resolve the issue, consider consulting a professional technician or contacting MSI support.

5. Specifications

Feature	Detail
Brand	MSI
Model Number	E33-0800680-PC6 (4065481004066)
Usage	CPU Cooling
Thermal Interface	NOT included
Connector Type	4-Pin Power Cable
Voltage	12 Volts
Cooling Method	Air
Compatible Devices	MSI Trident 3 8RA/8RB/8RC/8RD/8SC (MS-B920), MSI Creator P50 11 (MS-B937), 11TG (MS-B937), 11TC (MS-B937), 11SI (MS-B937)
Manufacturer	MSI COMPUTER

6. Warranty Information

Specific warranty details for this component are typically provided by the point of purchase or MSI directly. Please retain your proof of purchase for any warranty claims. Information regarding the availability of spare parts for this specific component is currently unavailable.

7. Support

For further assistance, technical support, or inquiries regarding your MSI CPU fan, please visit the official MSI support website or contact their customer service department. Have your product model number (E33-0800680-PC6) and system model information ready when seeking support.

Official MSI Support Website: www.msi.com/support

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