fanxiang S660

fanxiang S660 PCIe 4.0 NVMe M.2 SSD with Heatsink - User Manual

Model: S660

Introduction

The fanxiang S660 PCIe 4.0 NVMe M.2 SSD with Heatsink is designed to provide high-speed storage expansion for your PlayStation 5 console or compatible PC systems. Featuring PCIe Gen4x4 technology, it offers read speeds up to 5000MB/s, significantly enhancing game loading times and overall system responsiveness. The integrated heatsink ensures optimal thermal management, maintaining performance during extended use. This manual provides essential information for installation, operation, maintenance, and troubleshooting.

Specifications

Feature	Detail
Digital Storage Capacity	1 TB (Other capacities available: 500GB, 2TB, 4TB)
Hard Disk Interface	PCIE x 4
Connectivity Technology	PCI Express
Brand	fanxiang
Hard Disk Description	Solid State Drive
Compatible Devices	Desktop, Sony PlayStation 5
Installation Type	Internal Hard Drive
Read Speed	Up to 5000 MB/s
Form Factor	M.2 2280

Built-In Media	NVMe M.2 SSD
Enclosure Material	Metal
Item Weight	30 g
Dimensions (L x W x Th)	3.15" x 0.87" x 0.39"

The S660 series is available in various capacities, including 500GB, 1TB, 2TB, and 4TB, to suit different storage needs.



Image: fanxiang S660 SSDs available in various capacities.

Setup

General Installation Notes

Before beginning installation, ensure your device (PS5 or PC) is powered off and disconnected from the power

source. Handle the SSD by its edges to avoid touching the gold connectors or components. Static electricity can damage electronic components, so consider using an anti-static wrist strap or grounding yourself before handling the SSD.

Physical Installation (Heatsink Assembly)

The fanxiang S660 comes with a pre-installed heatsink. If you need to re-assemble or verify the heatsink installation, follow these steps:

1. Choose one thick and one thin cooling pad from the included accessories.
2. Tear off the plastic film from the thick thermal pad and place it on the heatsink base.
3. Place the SSD onto the thermal pad, ensuring the chip faces upwards. Adjust its position so the screw holes and the M.2 interface are aligned.
4. Tear off the plastic film from the thin thermal pad and stick it on the bottom of the heatsink cover.
5. Insert one side of the heatsink cover into the slot of the base. After adjusting the position, press the other side of the heatsink cover firmly until you hear a "click," indicating it is securely in place.
6. Fix the SSD with the heatsink installed using the screws or buckles provided with your motherboard or console.



Image: fanxiang S660 Heatsink Installation Guide.

PS5 Specific Installation

The fanxiang S660 SSD is designed for seamless integration with the PlayStation 5. Refer to the official PlayStation 5 support documentation for detailed instructions on how to open your console and access the M.2 expansion slot. Ensure the SSD is fully seated and secured with the provided screw.



Image: fanxiang S660 SSD being installed in a PS5.

For a visual guide on the PS5 installation process, please watch the video below:

Your browser does not support the video tag.

Video: fanxiang S660 M.2 SSD PS5 installation operation process. This video demonstrates the physical installation and initial formatting steps for the SSD on a PlayStation 5.

Operating

Formatting on PS5

After physical installation, your PlayStation 5 will prompt you to format the M.2 SSD. Follow the on-screen instructions to complete the formatting process. This will prepare the SSD for use as extended storage for your games and applications.

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Video: fanxiang S660 M.2 SSD PS5 installation operation process. This video also covers the initial formatting steps for the SSD on a PlayStation 5.

General Usage

Once formatted, the fanxiang S660 SSD will function as high-speed storage. You can transfer games and applications to and from this drive, or install new content directly onto it. The PCIe 4.0 interface ensures rapid data access, reducing load times and improving overall performance for demanding applications and games.



Image: Extreme Performance of fanxiang S660 SSD compared to other interfaces.

Maintenance

The fanxiang S660 SSD is designed for durability and performance. The integrated heatsink plays a crucial role in maintaining optimal operating temperatures, especially during intensive use. This helps prevent thermal throttling and prolongs the lifespan of the drive.



Image: Efficient Thermal Control design of the fanxiang S660 SSD.

General Maintenance Tips:

- **Keep your system well-ventilated:** Ensure adequate airflow around your PS5 or PC to assist with heat dissipation.
- **Avoid extreme temperatures:** Operate the SSD within recommended environmental temperature ranges.
- **Regularly update system firmware:** Keep your console or motherboard firmware updated to ensure compatibility and optimal performance.
- **Perform TRIM operations:** Modern operating systems typically handle TRIM automatically for SSDs, which helps maintain performance over time. Verify this setting if you experience performance degradation.

Troubleshooting

- **SSD Not Recognized:**
  - Ensure the SSD is correctly seated in the M.2 slot.
  - Verify that your system's BIOS/UEFI (for PC) or PS5 firmware is up to date.

- Check if the M.2 slot is enabled in your system's BIOS/UEFI settings (for PC).

- **Slow Performance:**
  - Confirm that your system supports PCIe 4.0 to achieve maximum speeds. If using PCIe 3.0, speeds will be limited.
  - Ensure the SSD is not overheating. Check system temperatures if possible.
  - Verify that TRIM is enabled and functioning correctly.
  - Ensure the SSD is not nearly full, as performance can degrade when storage is almost at capacity.

- **Data Transfer Errors:**
  - Re-seat the SSD to ensure a stable connection.
  - Check for any system errors or warnings related to storage devices.

Warranty and Support

The fanxiang S660 NVMe M.2 SSD comes with a**5-year quality assurance warranty** from the manufacturer. This warranty covers defects in materials and workmanship under normal use.
For technical assistance, warranty claims, or any product-related inquiries, please contact fanxiang customer support through their official channels. Refer to the product packaging or the fanxiang website for the most current support contact information.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question