

## SIX X7400

# SIX X7400 NVME M.2 SSD PCIe 4.0-1TB Instruction Manual

Model: X7400 | Brand: SIX

## 1. INTRODUCTION AND OVERVIEW

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The SIX X7400 NVME M.2 SSD PCIe 4.0-1TB is an internal solid-state drive designed for high-speed data transfer and storage expansion. Utilizing the PCIe Gen4x4 interface, it offers enhanced performance for demanding applications, gaming, and creative workflows. This SSD is compatible with various systems, including laptops, desktop PCs, and PlayStation 5 consoles.

Key features include:

- PCIe Gen4x4 High-Speed Interface
- Read speeds up to 7350MB/s
- Write speeds up to 6430MB/s
- M.2 2280 form factor
- Includes a heatsink for thermal management
- Compatible with PS5, laptops, and desktop PCs



Image 1.1: The SIX X7400 NVME M.2 SSD PCIe 4.0 with its integrated heatsink.

## 2. SETUP AND INSTALLATION

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Proper installation is crucial for optimal performance. The SIX X7400 SSD includes necessary tools for installation, such as a screwdriver and mounting screw.

### 2.1. General Installation Steps (Laptop/Desktop)

1. **Power Off and Disconnect:** Ensure your device (laptop or desktop PC) is completely powered off and disconnected from the power source.
2. **Access M.2 Slot:** Open your device's casing to access the motherboard. Locate an available M.2 slot. Refer to your device's manual for specific instructions on accessing internal components.
3. **Insert SSD:** Gently insert the SIX X7400 SSD into the M.2 slot at a slight angle. The notch on the SSD should align with the key in the slot.
4. **Secure SSD:** Push the SSD down until it is parallel with the motherboard. Secure it with the provided screw.
5. **Install Heatsink:** If your system does not have an integrated M.2 heatsink, apply the included heatsink to the SSD for improved thermal performance. Ensure proper contact for effective heat dissipation.
6. **Reassemble and Power On:** Close the device casing, reconnect power, and power on your system.

### 2.2. PS5 Installation

The SIX X7400 SSD is compatible with PlayStation 5 for storage expansion. Follow Sony's official guidelines for PS5 M.2 SSD installation to ensure proper setup and avoid damage.



## Boost Your Creative Workflow

Speed up file handling, editing, and rendering with faster load times, smoother performance, and expanded storage for all your projects and multi-tasking.

Image 2.1: Installation of the SIX X7400 NVME M.2 SSD with heatsink.

### 2.3. Installation Video Guide

For a visual guide on installing an NVME SSD, refer to the following video:

*Video 2.1: A user demonstrating the installation of an NVME SSD in a laptop, including the use of a screwdriver and heatsink.*

## 3. OPERATING THE SSD

Once installed, the SIX X7400 SSD will significantly enhance your system's performance. It is designed to provide faster boot times, quicker file transfers, and reduced game loading screens.

### 3.1. Performance Benefits

- **Accelerated Data Access:** Experience read speeds up to 7350MB/s and write speeds up to 6430MB/s, enabling rapid access to large files and applications.
- **Improved System Responsiveness:** Faster boot-ups and application loading times contribute to a more fluid

user experience.

- **Enhanced Gaming:** Reduced load times in games and smoother gameplay, particularly beneficial for titles requiring fast asset streaming.
- **Efficient Workflow:** For content creators and professionals, the high speeds facilitate quicker data analytics, video editing, and multitasking.



**SIX**

READ SPEED UP TO  
**7,350** MB/s

WRITE SPEED UP TO  
**6,430** MB/s

2X FASTER THAN GEN3 SSD  
13X FASTER THAN SATA

Image 3.1: Indicated read and write speeds of the SIX X7400 SSD.

# PS5 Compatible

33% faster than stock and ultra-fast load times. Ready for your final boss!



The SIX X7400 M.2 NVMe SSD is built to deliver immersive gameplay and uninterrupted performance on PS5.

*Image 3.2: The SIX X7400 SSD is compatible with PS5 for storage expansion.*

## 3.2. Performance Overview Video

Watch this video for a demonstration of the SIX X7400 SSD's performance capabilities:

*Video 3.1: Official video showcasing the SIX X7400 Gen4 SSD's speed for gaming and PS5.*

## 4. MAINTENANCE

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Solid State Drives generally require less maintenance than traditional Hard Disk Drives. However, following these practices can help ensure longevity and optimal performance:

- **Avoid Defragmentation:** Unlike HDDs, SSDs do not benefit from defragmentation. It can reduce the lifespan of the drive.
- **Ensure Proper Cooling:** The included heatsink helps manage the SSD's temperature. Ensure adequate airflow within your system to prevent overheating, especially during intensive use.
- **Keep Firmware Updated:** Periodically check the manufacturer's website for firmware updates. Updates can improve performance, stability, and compatibility.

- **Monitor Drive Health:** Use system utilities or third-party software to monitor the health and temperature of your SSD.

## 5. TROUBLESHOOTING

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If you encounter issues with your SIX X7400 SSD, consider the following troubleshooting steps:

### 5.1. SSD Not Detected

- **Check Physical Connection:** Ensure the SSD is correctly seated in the M.2 slot and secured.
- **BIOS/UEFI Settings:** Enter your system's BIOS/UEFI settings. Verify that the M.2 slot is enabled and configured correctly (e.g., NVMe mode).
- **Disk Management (Windows):** In Windows, open Disk Management. The SSD might appear as unallocated space and require initialization and formatting before use.
- **Driver Updates:** Ensure your motherboard's chipset drivers are up to date.

### 5.2. Slow Performance

- **PCIe Generation:** Confirm your motherboard's M.2 slot supports PCIe 4.0 x4 to achieve the advertised speeds. If it's a PCIe 3.0 slot, speeds will be limited to PCIe 3.0 performance.
- **Thermal Throttling:** Ensure the heatsink is properly installed and your system has adequate cooling. High temperatures can cause the SSD to reduce performance to prevent damage.
- **System Resources:** Check for background processes or other hardware bottlenecks that might be affecting overall system performance.
- **Firmware:** Verify that the SSD has the latest firmware installed.

### 5.3. Compatibility and Performance Discussion Video

For further insights into NVME SSD performance and compatibility, consider this video:

*Video 5.1: A user discussing the value and performance of an NVME SSD, including considerations for motherboard compatibility.*

## 6. SPECIFICATIONS

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Detailed specifications for the SIX X7400 NVME M.2 SSD PCIe 4.0-1TB:

Feature	Detail
Brand	SIX
Model Number	SIX SSD - 26
Digital Storage Capacity	1 TB
Hard Disk Interface	PCIe x 4
Connectivity Technology	PCIe (NVMe)
Special Feature	Backward Compatible, Gen4x4 PCIe SSD
Hard Disk Form Factor	2280 Inches

Feature	Detail
Compatible Devices	Desktop, Gaming Console, Laptop, PS5
Installation Type	Internal Hard Drive
Item Dimensions (LxWxH)	3.15 x 0.87 x 0.08 inches
Item Weight	2.89 ounces

## 7. WARRANTY AND SUPPORT

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### 7.1. Warranty Information

The SIX X7400 NVME M.2 SSD is covered by a **5-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

### 7.2. Customer Support

For technical assistance, warranty claims, or product inquiries, please contact SIX customer support through their official website or the retailer where the product was purchased. Have your product model number and proof of purchase ready when contacting support.