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KingSpec XG7000-2280

KingSpec XG7000 M.2 NVMe SSD 1TB PCIe 4.0 User Manual

Model: XG7000-2280

1. Introduction

Thank you for choosing the KingSpec XG7000 M.2 NVMe SSD. This high-performance internal solid-state drive is designed to deliver exceptional speed and reliability for gaming, 4K video editing, and large file transfers. Compatible with PCIe 4.0 slots, it offers read speeds up to 7400 MB/s and write speeds up to 6600 MB/s. This manual provides essential information for installation, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your SSD.

2. Safety Information

- **Electrostatic Discharge (ESD) Precautions:** Always handle the SSD by its edges and avoid touching the gold connectors. Use an anti-static wrist strap or ground yourself by touching a metal object before handling the SSD to prevent ESD damage.
- **Power Off:** Ensure your computer or console is completely powered off and unplugged from the power source before installation or removal.
- **Physical Damage:** Do not bend, drop, or apply excessive force to the SSD. Avoid exposing it to liquids or extreme temperatures.
- **Professional Installation:** If you are unsure about the installation process, consult a qualified technician.

3. Package Contents

Verify that your package contains the following items:

- KingSpec XG7000 M.2 NVMe SSD

Note: Additional mounting screws or tools may be required for installation, depending on your system, and are not included.

4. Installation Guide

4.1. General M.2 NVMe SSD Installation (PC/Laptop)

1. **Prepare Your System:** Power off your computer and unplug all cables. Open the computer case or access panel for the M.2 slot.
2. **Locate M.2 Slot:** Identify an available M.2 slot on your motherboard. The KingSpec XG7000 is a 2280 form factor SSD.
3. **Insert SSD:** Gently insert the KingSpec XG7000 SSD into the M.2 slot at a 30-degree angle. Push it in until it is fully seated.
4. **Secure SSD:** Carefully push the SSD down until it is parallel with the motherboard. Secure it with the M.2 screw provided with your motherboard or system.
5. **Close System:** Reassemble your computer and reconnect all cables.

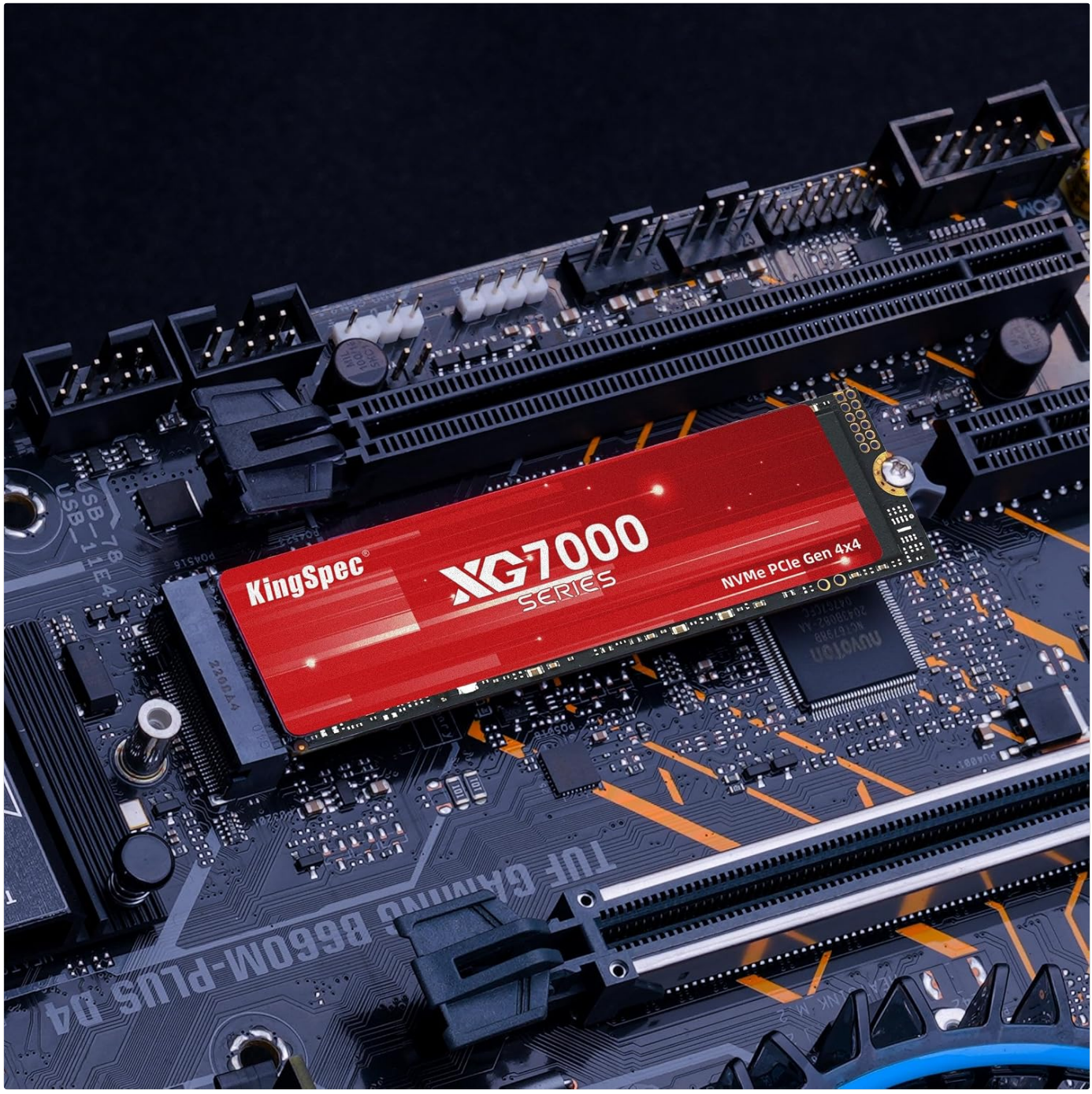


Image: The KingSpec XG7000 M.2 NVMe SSD securely installed in a motherboard's M.2 slot. This illustrates the typical installation position within a desktop PC.

4.2. PlayStation 5 (PS5) Installation

The KingSpec XG7000 SSD is compatible with PlayStation 5 consoles. Ensure your PS5 system software is updated to the latest version before installation.

1. **Prepare PS5:** Power off your PS5 completely and unplug the AC power cord and all other cables. Place the PS5 on a soft cloth on a flat surface.
2. **Remove Base and Cover:** Remove the base stand. Carefully remove the console cover by lifting it slightly and sliding it off.
3. **Access Expansion Slot:** Locate the expansion slot cover. Use a Phillips screwdriver to remove the screw securing the cover and then remove the cover.
4. **Install SSD:** Remove the screw and spacer from the expansion slot. Adjust the spacer to the 2280 position. Gently insert the KingSpec XG7000 SSD into the expansion slot until it clicks into place.
5. **Secure SSD:** Secure the SSD with the screw you removed earlier.
6. **Reassemble:** Replace the expansion slot cover and secure it with its screw. Reattach the console cover and the base stand.
7. **Power On and Format:** Reconnect all cables and power on your PS5. Follow the on-screen instructions to format the new SSD.



Image: The KingSpec XG7000 M.2 NVMe SSD displayed alongside a PlayStation 5 console and its DualSense controller, illustrating its compatibility with the gaming system.

5. Operating Instructions

5.1. Initializing and Formatting (Windows PC)

After physical installation, the SSD needs to be initialized and formatted before use in a Windows PC:

1. **Access Disk Management:** Right-click on the Start button and select

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