SanDisk SDSSDA-240G-G26

SanDisk SSD PLUS User Manual

Model: SDSSDA-240G-G26 | Brand: SanDisk

1. Introduction and Overview

The SanDisk SSD Plus is an internal solid state drive designed to enhance the performance of your computer. It offers improved speed for boot-up, shutdown, application loading, and data transfers compared to traditional hard disk drives. This SSD provides quiet and reliable operation, making it an ideal upgrade for both laptops and desktop PCs.

Key Features:

- Easy upgrade for faster boot-up, shutdown, application load and response.
- Boosts burst write performance, ideal for typical PC workloads.
- Offers a balance of performance and reliability.
- Read/write speeds of up to 530MB/s / 440MB/s (for 240GB model).
- Shock-resistant for proven durability, even if your computer is dropped.
- Compatible with desktop systems.



Figure 1.1: SanDisk SSD PLUS 240GB Internal SSD.

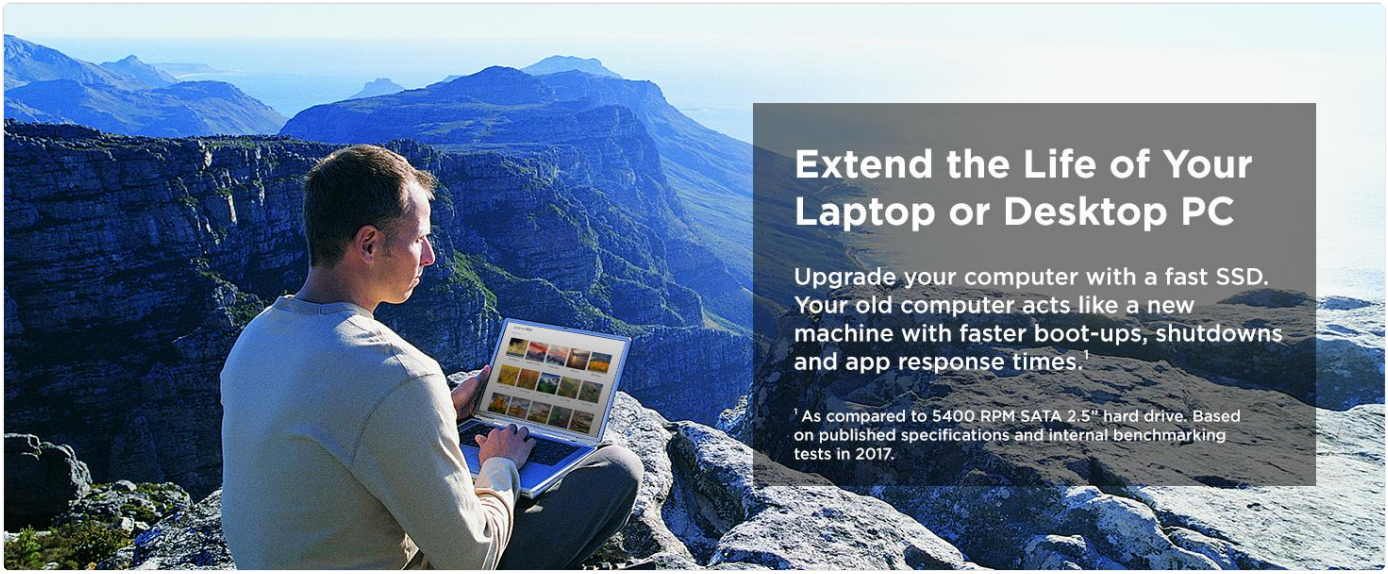


Figure 1.2: Upgrade your computer with a fast SSD to extend its life and improve performance.

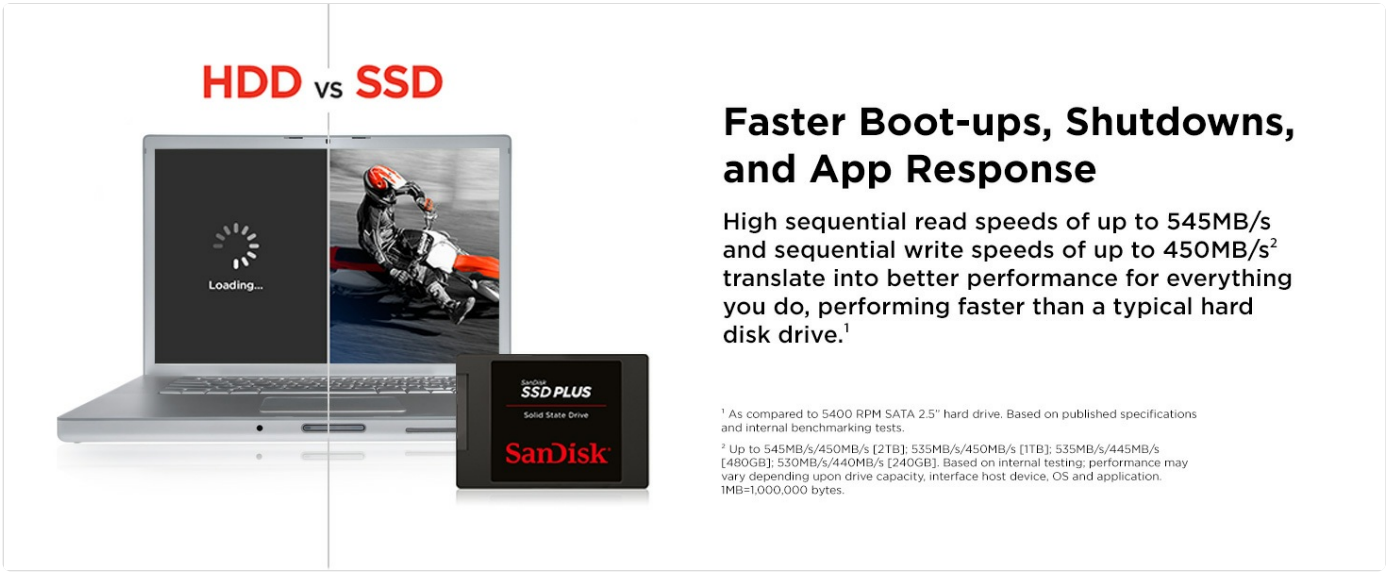


Figure 1.3: SSDs offer significantly faster boot-ups, shutdowns, and application response times compared to traditional HDDs.

2. What's in the Box

The SanDisk SSD PLUS package typically includes the following:

- SanDisk SSD Plus Drive (240GB)

Note: Additional accessories such as SATA cables, power adapters, or mounting brackets may be required for installation and are sold separately.

3. Setup and Installation

Installing the SanDisk SSD Plus involves both physical installation and data migration. It is recommended to back up all important data before beginning the installation process.

3.1 Physical Installation:

1. **Prepare your system:** Ensure your computer is powered off and disconnected from the power source. Open your computer case (for desktops) or access the drive bay (for laptops).
2. **Locate an available drive bay:** The SanDisk SSD Plus is a 2.5-inch drive. For desktops, you may need a 2.5-inch to 3.5-inch adapter bracket if your case only has 3.5-inch bays.
3. **Connect the SSD:** Connect a SATA data cable from your motherboard to the SSD, and a SATA power cable from your power supply to the SSD.
4. **Secure the SSD:** Mount the SSD securely in the drive bay using screws or the provided mounting mechanism.
5. **Close your system:** Reassemble your computer and reconnect the power source.

3.2 Software Setup and Data Migration:

After physical installation, you will need to initialize and format the SSD, and potentially migrate your operating system and data.

1. **Boot your computer:** Power on your computer. Your system's BIOS/UEFI should detect the new SSD.
2. **Initialize and Format:**
    - For Windows: Go to Disk Management, find the new SSD, initialize it (MBR or GPT, typically GPT for newer systems), and then create a new simple volume and format it (NTFS).

- For macOS: Use Disk Utility to erase and format the drive (APFS or Mac OS Extended).

3. **Data Cloning (Optional but Recommended for OS Migration):**
   SanDisk often provides access to cloning software (e.g., Acronis True Image for Western Digital) to easily transfer your existing operating system, applications, and data from your old drive to the new SSD. This typically involves:
   - Downloading and installing the recommended cloning software from the SanDisk website.
   - Connecting both your old drive and the new SSD to your computer (if possible, or use an external enclosure for the SSD during cloning).
   - Following the software's instructions to clone your old drive to the SSD.
4. **Set Boot Priority (if migrating OS):** After cloning, you may need to enter your system's BIOS/UEFI settings to change the boot order, ensuring your computer boots from the new SanDisk SSD.

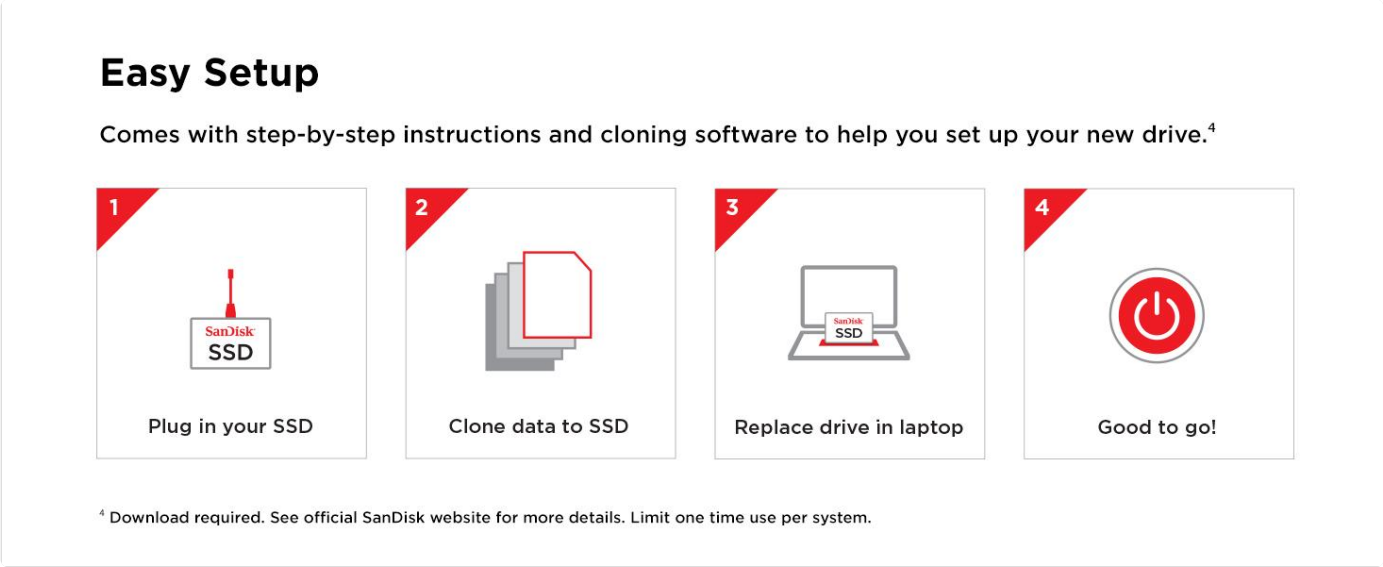


Figure 3.1: Simplified steps for setting up your new SSD.

4. Operating the SanDisk SSD PLUS

Once installed, the SanDisk SSD Plus operates like any other storage drive in your system, but with significantly enhanced performance. You will notice faster system responsiveness across various tasks.

4.1 Performance Benefits:

- **Faster Boot Times:** Your operating system will load much quicker.
- **Quicker Application Launches:** Programs will open and respond more rapidly.
- **Improved File Transfers:** Copying and moving large files will be noticeably faster.
- **Enhanced Multitasking:** Your system will handle multiple applications more smoothly.

4.2 SanDisk SSD Dashboard Software:

SanDisk provides a free SSD Dashboard software that allows you to monitor the health and performance of your SSD. This software can be downloaded from the official SanDisk website.

- **Status Monitoring:** View drive health, temperature, and remaining lifespan.
- **Performance Optimization:** Tools to maintain peak performance.
- **Firmware Updates:** Keep your SSD's firmware up-to-date for optimal compatibility and performance.



Figure 4.1: The SanDisk SSD Dashboard provides tools for monitoring and managing your SSD.

5. Maintenance

Solid State Drives require less maintenance than traditional hard drives due to the absence of moving parts. However, a few practices can help ensure longevity and optimal performance:

- **No Defragmentation:** Unlike HDDs, SSDs do not benefit from defragmentation. In fact, defragmenting an SSD can reduce its lifespan by increasing unnecessary write cycles. Ensure your operating system's disk optimization tools are configured correctly for SSDs (e.g., Windows 10 automatically optimizes SSDs via TRIM).
- **TRIM Support:** Ensure your operating system has TRIM enabled. TRIM helps the SSD manage its storage space efficiently and maintain performance over time. Modern operating systems typically enable TRIM by default for SSDs.
- **Keep Sufficient Free Space:** While not strictly maintenance, keeping some free space on your SSD (e.g., 10-15%) can help maintain performance, as it provides room for wear leveling and garbage collection processes.
- **Firmware Updates:** Periodically check for firmware updates using the SanDisk SSD Dashboard software. Firmware

updates can improve performance, stability, and compatibility.

- **Regular Backups:** Always maintain regular backups of your important data, regardless of the type of storage drive.

6. Troubleshooting

If you encounter issues with your SanDisk SSD Plus, consider the following common troubleshooting steps:

- **SSD Not Detected:**
  - Check physical connections: Ensure SATA data and power cables are securely connected to both the SSD and the motherboard/power supply.
  - Check BIOS/UEFI settings: Verify that the SATA port the SSD is connected to is enabled in your system's BIOS/UEFI.
  - Try a different SATA port or cable: Faulty cables or ports can prevent detection.
  - Initialize the drive: If it's a new SSD, it needs to be initialized and formatted in Disk Management (Windows) or Disk Utility (macOS) before it appears in File Explorer/Finder.
- **Slow Performance:**
  - Verify SATA III connection: Ensure the SSD is connected to a SATA III (6 Gb/s) port on your motherboard for optimal speed. Older SATA I or II ports will limit performance.
  - Check TRIM status: Ensure TRIM is enabled for your operating system.
  - Update firmware: Use the SanDisk SSD Dashboard to check for and install the latest firmware.
  - Free space: Ensure you have adequate free space on the drive (10-15% recommended).
  - Driver issues: Ensure your motherboard's SATA controller drivers are up to date.
- **System Crashes or Freezes:**
  - Check power supply: Ensure your power supply unit (PSU) provides stable and sufficient power.
  - Temperature: While SSDs run cooler than HDDs, ensure adequate airflow in your system. Monitor temperature using the SanDisk SSD Dashboard.
  - Run diagnostics: Use the SanDisk SSD Dashboard's diagnostic tools to check for drive errors.

For further assistance, refer to the official SanDisk support website or contact their customer service.

7. Specifications

Feature	Detail
Brand	SanDisk
Series	SanDisk SSD Plus Internal SSD
Model Number	SDSSDA-240G-G26
Digital Storage Capacity	240 GB
Hard Disk Interface	Solid State (SATA III 6 Gb/s)
Form Factor	2.5 Inches / 7mm
Read Speed (Max)	Up to 530 MB/s

Write Speed (Max)	Up to 440 MB/s
Shock Resistance	Up to 1500G
Vibration Resistance	5gRMS, 10-2000 HZ / 4.9 gRMS, 7-800 HZ
Operating Temperature	0°C to 70°C
Dimensions (LxWxH)	3.96 x 0.28 x 2.75 inches
Item Weight	1.12 ounces
Compatible Devices	Desktop (and compatible laptops)

8. Warranty and Support

8.1 Limited Warranty:

The SanDisk SSD Plus is backed by a **Three-Year Limited Warranty**. This warranty covers defects in material and workmanship under normal use. Please retain your proof of purchase for warranty claims.



Figure 8.1: SanDisk SSD Plus comes with a 3-year limited warranty.

8.2 Customer Support:

For technical support, driver downloads, firmware updates, and additional product information, please visit the official SanDisk support website:

SanDisk Official Support

You can also find additional resources and FAQs on the product's Amazon page or by searching for your specific model number (SDSSDA-240G-G26) on the SanDisk website.

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