

SSD Upgrade and Data Migration

Practical computer help written for everyday users

Safety: Back up important data when possible. Power off and unplug equipment before opening a computer. Stop if you see liquid damage, smoke, burning smell, or a failing drive.

Planning

- Confirm M.2 SATA versus NVMe compatibility and physical length.
- Check available lanes and motherboard slot sharing.
- Back up important files before cloning.

Clone workflow

- Update Windows and repair file-system errors.
- Connect the new drive.
- Clone all required system partitions.
- Shut down and boot from the new drive.
- Verify files before erasing the old drive.

Clean install option

- A clean install is often better when the current Windows installation is corrupted or heavily cluttered.

This guide is educational and cannot identify every hardware or data-loss risk remotely. Use the exact manual for your device or motherboard when firmware settings differ.