

JOE'S TECH

SSD Cloning & Data Transfer

Move Windows and files while reducing the risk of data loss.

Use this guide as a safe starting point. Back up important data before repairs, and disconnect power before opening a computer.

Plan

- Confirm the destination drive has enough usable capacity.
- Back up irreplaceable files separately.
- Check whether the computer accepts SATA, NVMe or both.

Clone

- Use reputable cloning software from the SSD vendor or a known backup provider.
- Clone every required system partition, not only C:.
- Keep the original drive untouched until the clone boots and files are verified.

Afterward

- Set the new drive first in boot order.
- Expand the main partition if free space remains unallocated.
- Verify TRIM, drive health and backups.

When to stop

Stop and seek professional help if you smell burning, see damaged power connectors, find liquid damage, or are unsure about working around electrical components.