

# Today's Topics

## **Windows:**

How I upgraded my home media server

HiBit System Info Utility

I built a Windows 10 file server/PLEX server/BitTorrent box in 2012. It consisted of:

Motherboard: ASUS Z97I-Plus

CPU: Core i5-4590

RAM: 16 GB DDR3

SSD: Crucial CT250MX200 250 GB

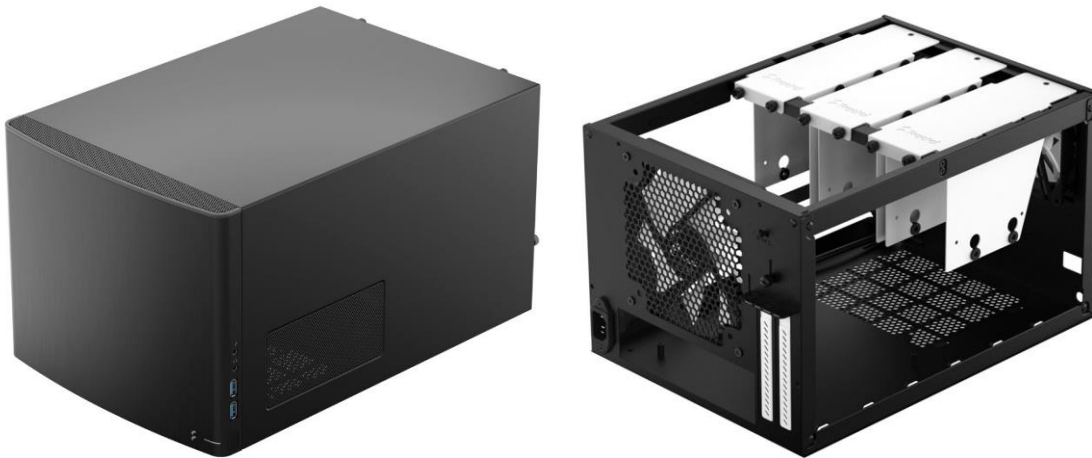
HDD: WDC WD30EFRX 3TB HDD

WDC WD30EFRX 3TB HDD

WDC WD40EFRX 4TB HDD

WDC WD40EFRX 4TB HDD

Case: [Fractal Design Node 304](#)





For backups, I used iCloud as well as 2 external USB3 hard drives

Seagate External USB3 8 TB HDD

Hitachi External USB3 2 TB HDD

By this year, my video, music, and photo collection had grown dramatically, I worried that the hard drives were getting too close to EOL, and the computer was not able to run Windows 11, so I decided to upgrade.

I decided to keep the same case and PSU, but replace almost everything else.

Motherboard: ASUS PRIME H610I-PLUS D4

CPU: Core i5-12400

RAM: 16 GB DDR4

SSD: 1 TB Samsung 970 EVO

HDD: WDC WD101EFBX 10 TB HDD

WDC WD101EFBX 10 TB HDD

WDC WD30EFRX 3TB HDD

The 3 TB hard drive is the only important component I kept from the old system.



1. Before upgrading the computer, I backed up 10 TB of files from the old system by using FreeFileSync and iDrive.
2. I also used ClearDiskInfo to determine which of the old hard drives were usable. Only one of them had a reasonable EOL, so everything else needed to be upgraded.
3. I waited for a MicroCenter sale on MB + CPU and made the purchase – about \$750 altogether.
4. Old Windows 10 Pro license was transferrable and upgradable to Windows 11 Pro, so no extra cost for OS.
5. System booted up on first try and OS installation went smoothly.
6. Reloading all old data (11 TB) from backups took about 4 days.