

Backing up your PC

June 14, 2022

TOPICS

- **Why**
- **What**
- **Where**

Why

- Disk failure
- PC will not start
- House burns down

What

- Whole system (usually requires a separate device)
 - Includes Windows O/S
 - all installed programs
 - all data
- All PC data
 - Pictures
 - Documents
 - Letters
 - Spreadsheets
 - PDF files
 - Videos
 - Other items
 - Email Consideration
- Just “important” stuff

Where

- Cloud services
 - Icloud
 - Gdrive
 - OneDrive
 - DropBox
 - many others (Cloudwards.net reviews many others)
- Online Services
 - Carbonite
 - Idrive
 - Acronis
 - many others (Cloudwards.net reviews many others)

Where

- CD/DVD
 - CD's old 700 gb
 - DVD's hold 4.7 gb or 9.4 gb double
 - useful for sharing and limited data quantities
- HARDDRIVE
 - data sizes are huge – allowing multiple backups
 - good for partition and system backup
 - no internet required so fast
- USB (thumbdrive)
 - data sizes approaching 2 tb
 - good for data backup
 - no internet required

Where

- Another PC
- Off site
away from prime data source (another room, relative, safe)
- Need for recovery boot disk (USB?) in case Windows will not start

BACKUP SOFTWARE

- Acronis True Image (\$\$)
- EaseUS Todo Backup free
- Cobian Backup
- Paragon Backup and Recovery
- Macrium Reflect 7 Free Edition
- See <https://www.techradar.com/best/best-free-backup-software> for reviews and details