



Q&A

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Ottawa PC Users' Group**

Share

Paste text into Facebook

- You may have noticed in many Facebook boxes you cannot paste text
- I have made a simple AutoHotKey script to paste the clipboard by simulating keystrokes:

```
^+!v:: ; control+shift+alt+v
#NoEnv ; all %...% variables are local
#Warn ; Enable all warnings
SendMode Input ; Not sending events + faster
Send {text}%Clipboard%
Send {Alt Up}{Control Up}{Shift Up}
return
```

Tom Trottier



Share

Windows - System File Check

- Sometimes Windows seems very slow or some things are broken
- You can do a sanity check on the system files to fix (some of) these via a batch file:

Echo ON

Prompt \$t \$p\$g

REM Sometimes windows seems very slow or some things broken.

REM This may happen after updates, or....

REM You can do a sanity check on windows system files to fix (some of?)

REM these via this batch file

REM You must "Run as Administrator"

REM You may want to add disk scans to discover & repair(as much as

REM possible) bad sectors via CHKDSK /B for each disk

REM - but there are better tools for sector recovery like Spinrite & HDSentinel.

Tom Trottier

REM Deployment Image Servicing and Management (DISM) tool
REM oversees the component store WinSxS
REM [https://docs.microsoft.com/en-us/windows-hardware/
REM manufacture/desktop/manage-the-component-store](https://docs.microsoft.com/en-us/windows-hardware/manufacture/desktop/manage-the-component-store)
REM [https://www.makeuseof.com/difference-between-chkdsk-
REM sfc-and-dism-in-windows-10/](https://www.makeuseof.com/difference-between-chkdsk-sfc-and-dism-in-windows-10/)

REM fix system problems
DISM /Online /Cleanup-Image /RestoreHealth
REM Errorlevel: %errorlevel%

REM System File Check
sfc /scannow
REM Errorlevel: %errorlevel%

REM on reboot, you can choose to cancel the disk check - but does not
REM take long, minutes rather than hours.

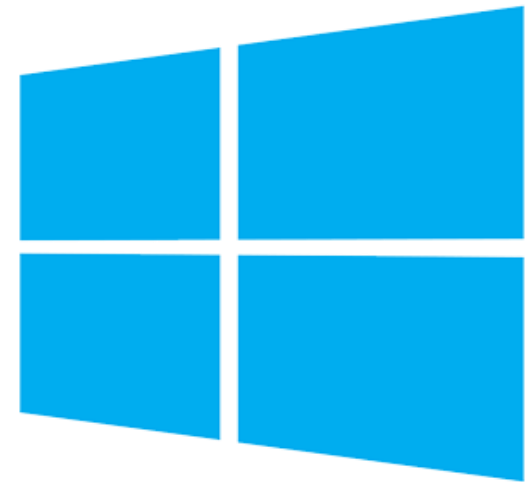
REM Check/Repair system C disk file structure on next reboot
ECHO y | chkdsk c: /sdcleanup /f

```
Choice /C yn /M "All good so far? Perform optional cleanup? %time%:"  
IF %errorlevel% NEQ 1 GOTO eof
```

```
REM Allow update rollbacks for longer - max is 60 days - OPTIONAL  
DISM /Online /Set-OSUninstallWindow /Value:60
```

```
REM Cleanup obsolete components - OPTIONAL  
DISM /online /cleanup-image /StartComponentCleanup  
REM [/ResetBase] disallows any update rollbacks and saves more space
```

```
:eof Pause Disk file structures fixed on next reboot.  
Press any key to exit. %time%
```





Disk imaging

- Can you provide a step-by-step guide to creating a disc image?
- What do I really need? (I was surprised at how many CD R/W's were required, and how long the imaging process took!)
- How would I use the disk image when catastrophe strikes (hopefully never)?



A What is needed?

- **Backup software**

Free versions are usually good enough

- Macrium Reflect Free Edition

<https://www.macrium.com/reflectfree>

- Easus ToDo Backup Free

<https://www.easeus.com/backup-software/>



What is needed?



- **Backup drive**

My rule of thumb

Image file will be ~50% of **used** disk space
(232 GB of 250 GB used, image 106 GB)

- Use an external USB drive

Spinning hard disk is acceptable (infrequent use)

1 TB will store multiple full image backups

Portable (1TB \$60) or desktop USB drive (4TB \$140)

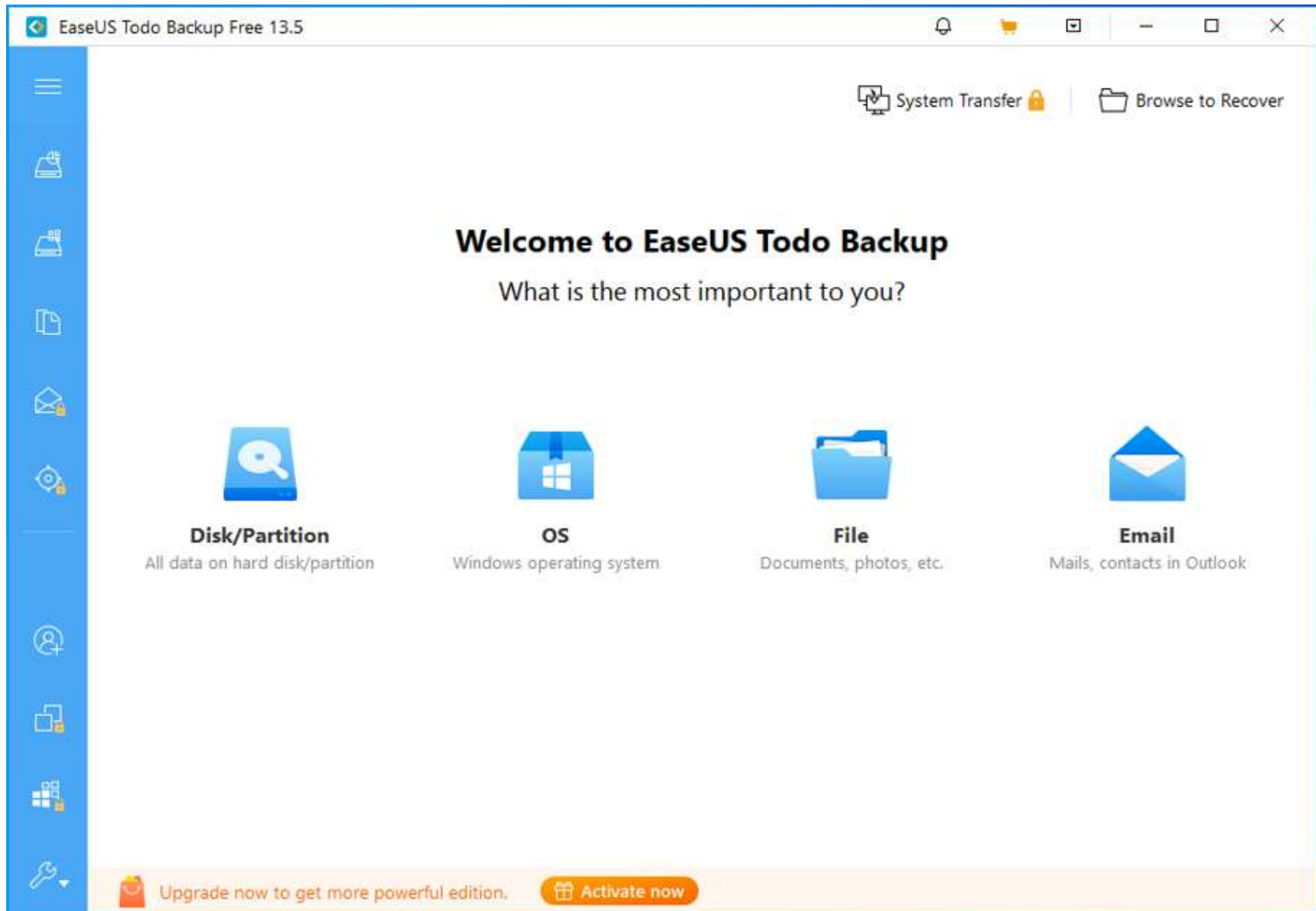
Higher capacity drives available

What is needed?



- **USB flash drive**
Recovery disk
- 16 GB (\$7) about the smallest for sale!
- Adequate for single-purpose bootable disk
- Needed if the drive containing Windows (and the backup software!) crashes
- Make sure that the recovery disk will boot your computer and that it can access (display) the image files stored on the backup disk (external USB drive)

Create a disk image (EaseUS)





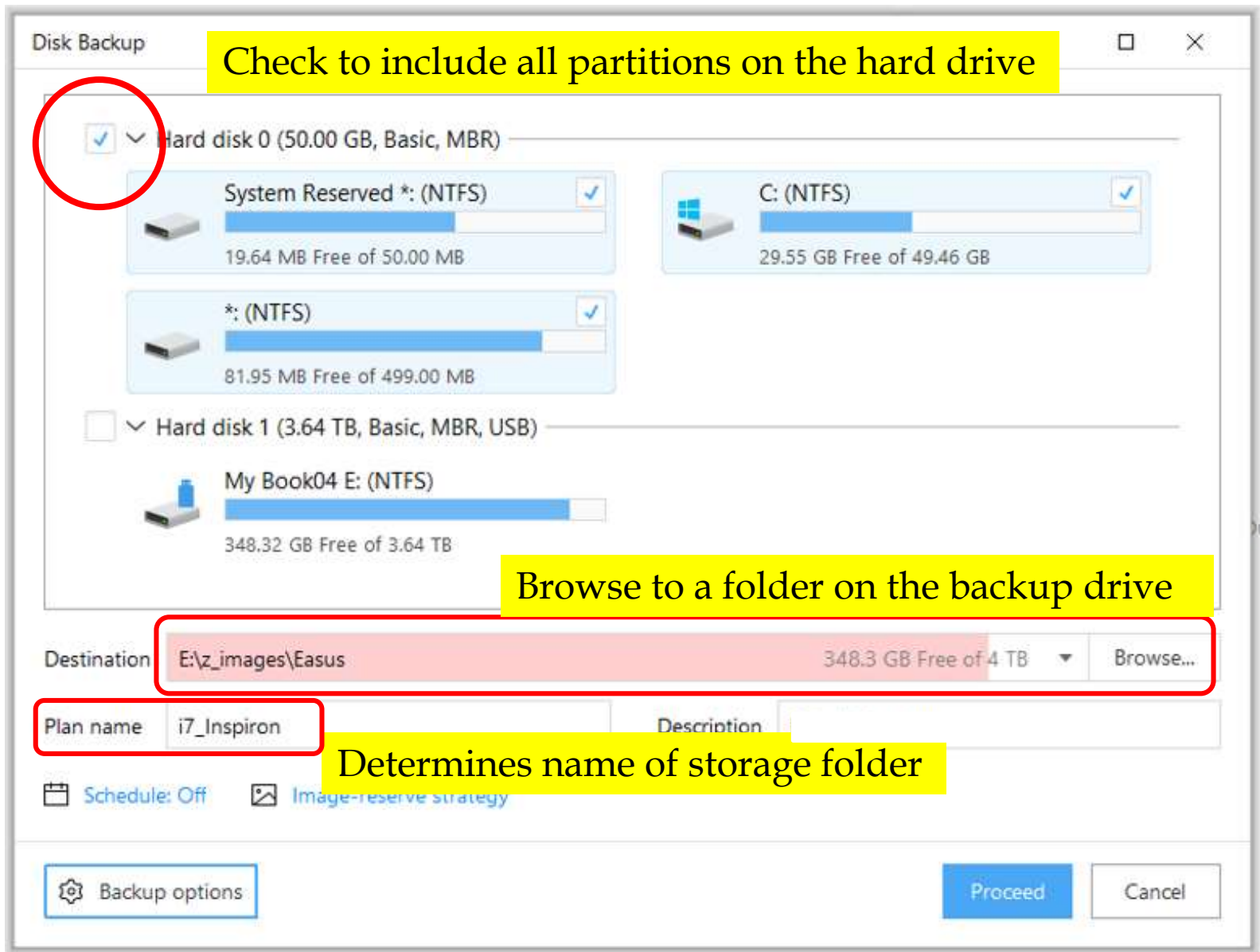
Expand the menu bar

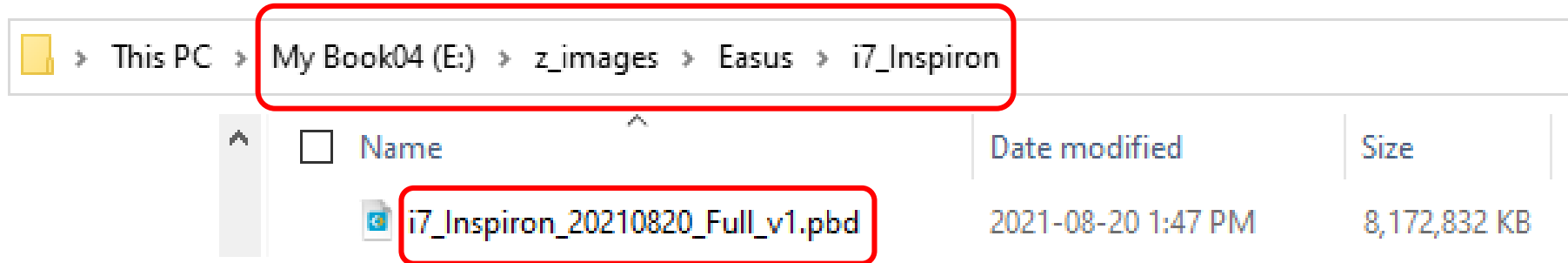
- Disk/Partition Backup
- System Backup
- File Backup
- Email Backup
- Smart Backup
- Account
- Clone
- System Clone
- Tools

Welcome to EaseUS Todo Backup

What is the most important to you?

 OS Windows operating system	 File Documents, photos, etc.	 Email Mails, contacts in Outlook
--	---	---





External USB drive = E:

Backup folder = z_images/Easus

Backup sub-folder = i7_Inspiron (*from Plan name*)

Backup file name = i7_Inspiron_20210820_Full_v1.pbd
(*Plan name, backup date,
backup type*, version number*)

* *For example Full=full backup, Inc=incremental backup*

EaseUS Todo Backup Free 13.5

Now you can do whatever you want.
You can close the program. And backup process will run automatically in the background.

i7_Inspiron
Please wait, backing up...
Estimated time remaining --:--:--

Operation Cancel

Now you can do whatever you want...

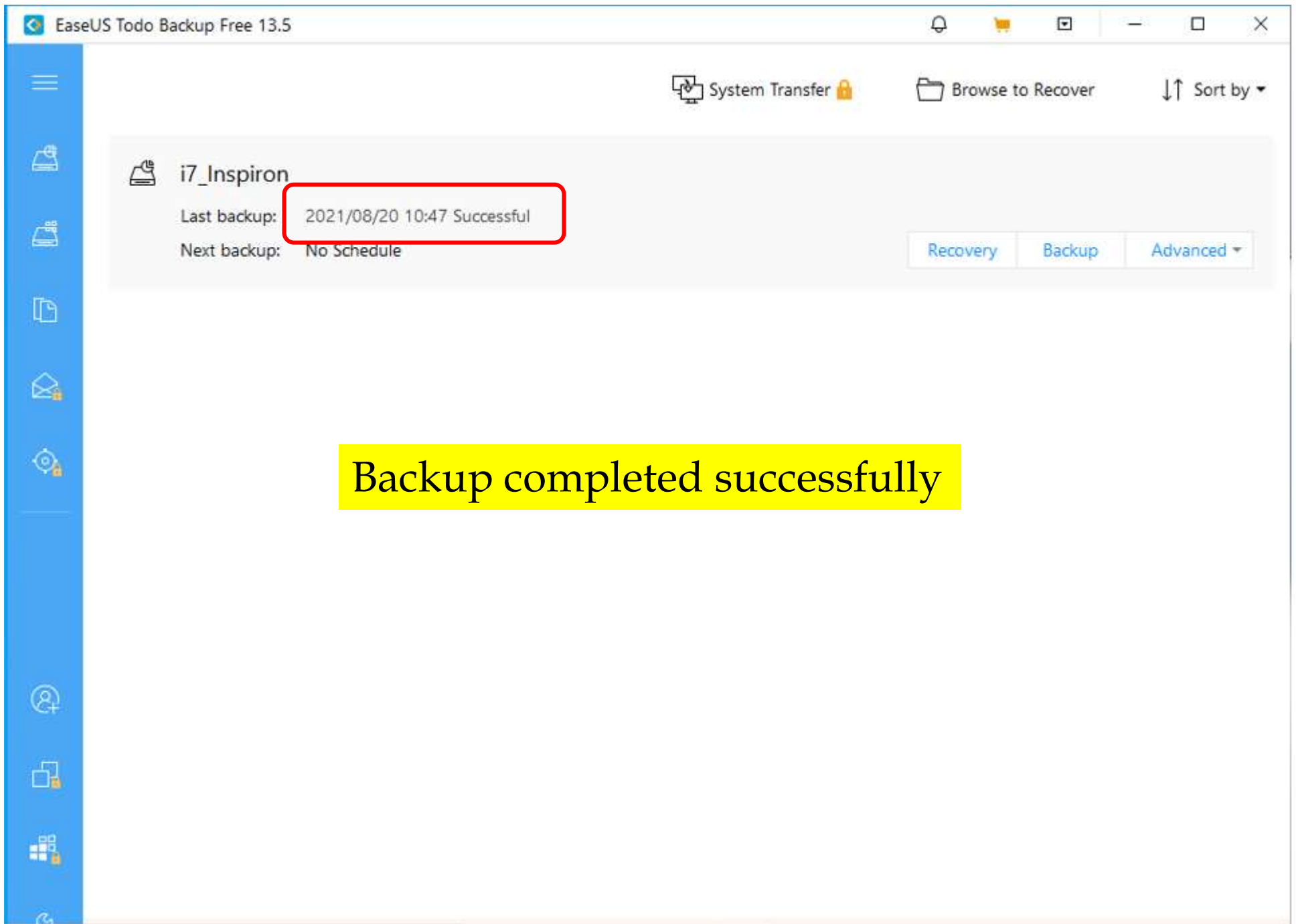
...have coffee (or beer); time estimate will be displayed

Image creation time will depend on how much data is to be stored and the data transfer speed of the drives

USB 3.0 is faster than USB 2.0

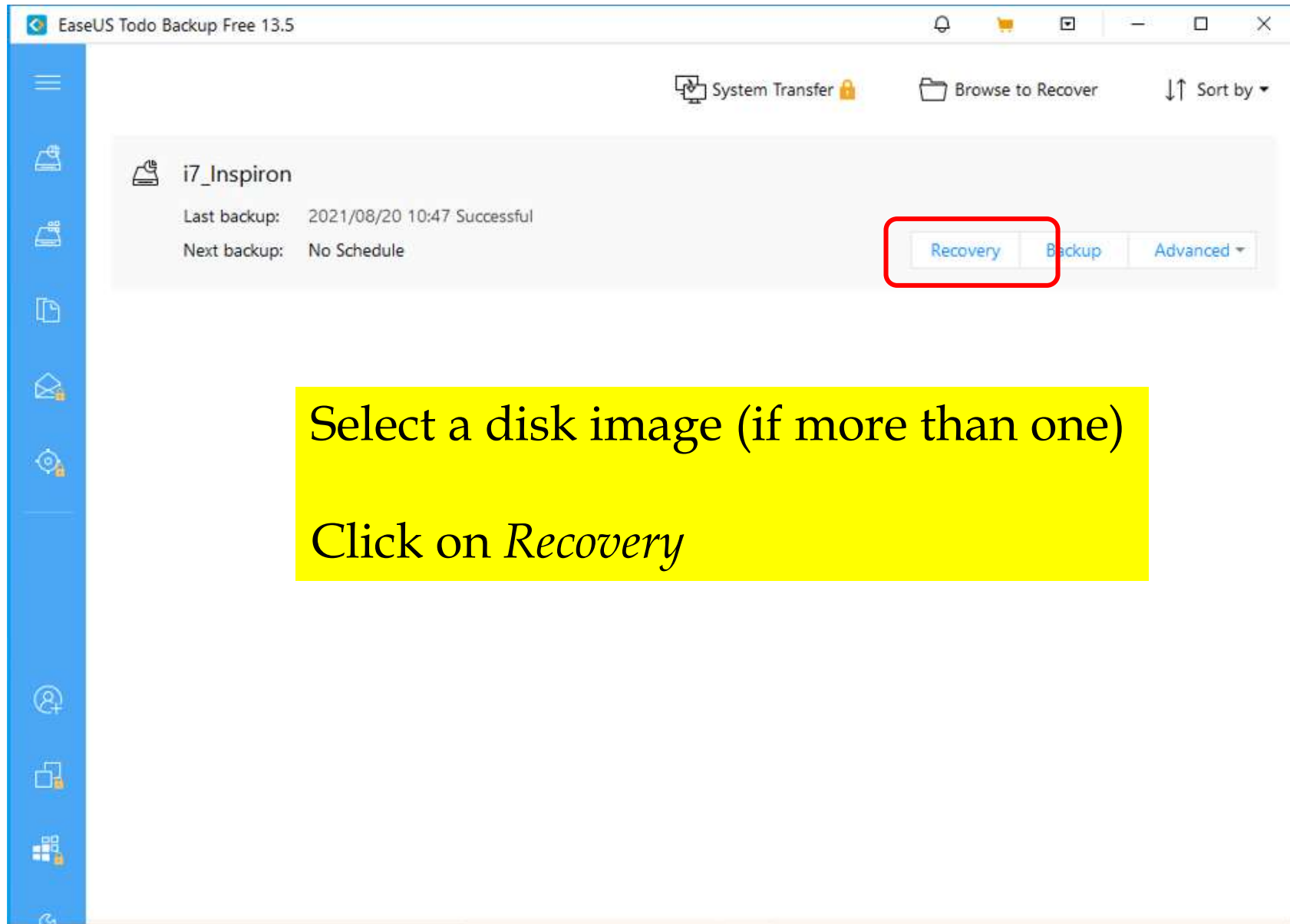
SSD is faster than HDD

Upgrade now to get more powerful edition. [Activate now](#)



Backup completed successfully

Restore a disk image (EaseUS)



Select a disk image (if more than one)

Click on *Recovery*

Recovery

i7_Inspiron

2021/08/20 09:49 Full Backup

History Version

Disk/Partition mode

File mode

Restore all partitions

Hard disk 0 (50.00 GB, Basic, MBR)

System Reserved *: (NTFS)

19.64 MB Free of 50.00 MB

C: (NTFS)

29.50 GB Free of 49.46 GB

*: (NTFS)

81.96 MB Free of 499.00 MB

Next

Cancel

Recovery

i7_Inspiron
2021/08/20 09:49 Full Backup

Check to restore to hard disk
(NOT to the backup USB drive)

Recover to: Disk 0

Hard disk 0 (50.00 GB, Basic, MBR)

System Reserved *: (NTFS)

19.66 MB Free of 50.00 MB

C: (NTFS)

29.52 GB Free of 49.46 GB

*(NTFS)

81.95 MB Free of 499.00 MB

Unallocated

Capacity: 2.00 MB

Hard disk 1 (3.64 TB, Basic, MBR, USB)

My Book04 E: (NTFS)

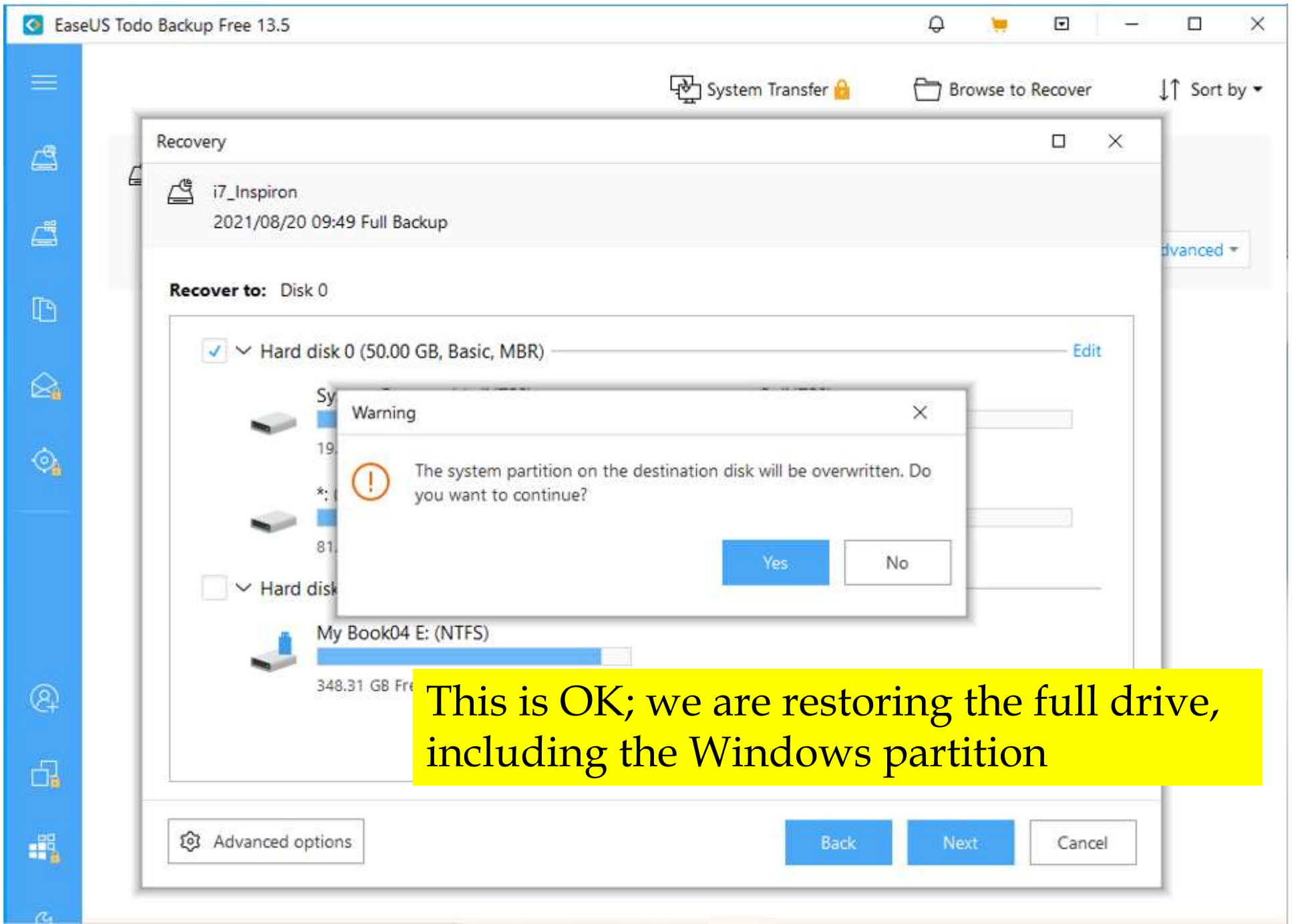
348.31 GB Free of 3.64 TB

Advanced options

Back

Next

Cancel



This is OK; we are restoring the full drive, including the Windows partition

Recovery

i7_Inspiron
2021/08/20 09:49 Full Backup

Source: Disk 0 *: C: *



Target: Disk 0 C: A: *



Summary of operations

A little cryptic

Disk 0 to Disk 0

Back

Proceed

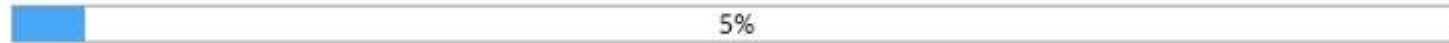
Cancel

Recovery

i7_Inspiron
2021/08/20 09:49 Full Backup


Estimated time remaining: Calculating..

Elapsed time: 00:00:15



Initializing recovery, please wait...

Message

 The operation will be performed in WinPE because the disk is in use. Click "Continue" to create WinPE and reboot the computer to complete the operation.

Create Now Cancel

- Shut down the computer when the operation is complete.
- Reboot the computer when the operation is complete.

Cancel

The operation will be performed in Win PE because the disk is in use

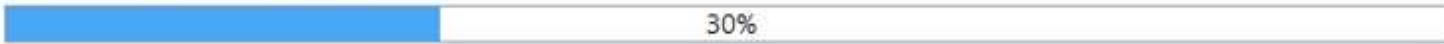
- The Windows partition (Drive C:) can't be restored while Windows is running
- The *Windows Preinstallation Environment* (Windows PE) is used for Restore and Recovery (rescue disk)
- Windows PE is a lightweight version of the OS that can modify the system disk when Windows is not running
- Restore creates a Windows PE ISO, boots into PE, restores the system, and reboots into the restored Windows 10
- All this happens automatically!

Recovery

i7_Inspiron
2021/08/20 09:49 Full Backup

Estimated time remaining: 00:01:26

Elapsed time: 00:00:37



Initializing recovery, please wait...
Checking whether the current system has WinPE tool.

Creating WinPE ISO...

- Shut down the computer when the operation is complete.
- Reboot the computer when the operation is complete.

Cancel



Disk/Partition Recovery



Sort by ▾

Estimated time remaining: 00:00:00

Elapsed time: 00:06:33

100%

Copy Source Partition
Commit Copy to Target Partition
Drive letter: A
Recover NTFS volume by file system.
Checking Source Partition
Checking Target Partition
Copy Source Partition
Commit Copy to Target Partition
Recover NTFS volume by file system.
Checking Source Partition
Checking Target Partition
Copy Source Partition
Commit Copy to Target Partition
Start assigning drive letter.
Assigning drive letter completed.
Start updating system information.
Updating system information completed.
Recovery completed.

Recovery Completed

- Shut down the computer when the operation is complete.
- Reboot the computer when the operation is complete.

Finish

Resources:

Finding a Backup Program

<https://opcug.ca/Reviews/BackupPrograms.htm>

EaseUS Todo Backup Free 6.5

<https://opcug.ca/Reviews/EaseUSBackup65.htm>

Avoiding Disaster in Disaster Recovery – Part 1

<https://opcug.ca/Articles/1709.pdf>

Avoiding Disaster in Disaster Recovery – Part 2

<https://opcug.ca/Articles/1710.pdf>

Follow-up

Solar Charging

Other Backup Power Sources

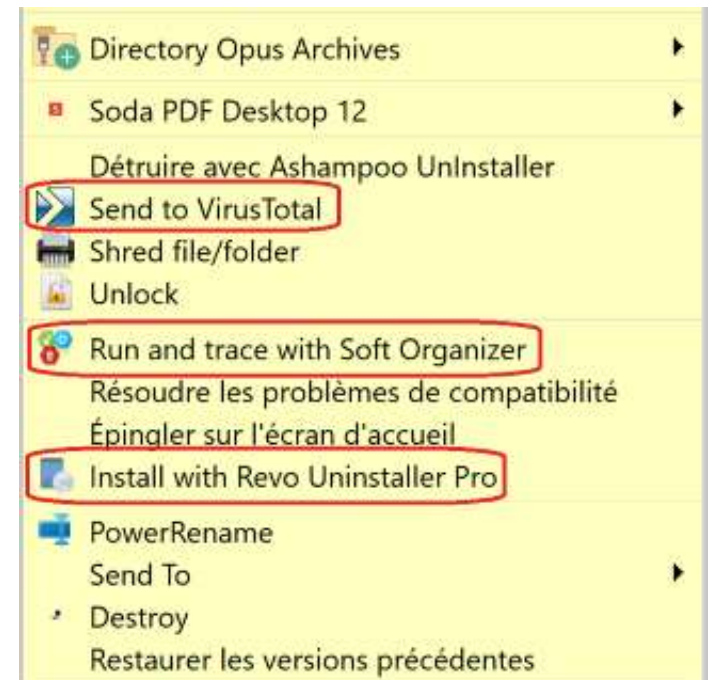
- 12 volt Booster/Power Packs
- Uninterruptible Power Supplies (UPS's)
- Your own car
- Battery-Powered Inverters
- Generators
- Whole House Backup Generators





Organizing context menus

- I have been experimenting with software which adds entries here or there in the related context menu
- I am trying to find a way to group some of those entries and to reorder the rest to my liking
- For example, I would like to group the entries circled in red so that I can find them quickly
- Does anyone know of an easy way to move things around in the context menus?





Equivalent fonts

- Looking for
 - tables/lists: roughly equivalent/similar fonts
 - closest free fonts to more expensive fonts
 - esp. fonts that come with Windows
 - even among Windows fonts
 - some very similar
 - don't see much difference
- Tend to use **Arial** or **Times New Roman**



Arial



Times
New Roman



Calisto
MT



Book
Antiqua



Segoe UI



MS
Gothic



Bell MT

A Identifont

Identifont

- Find similar fonts

1. *Fonts by Similarity*
2. choose a font
3. characteristics
4. similar fonts
 - click on any for details

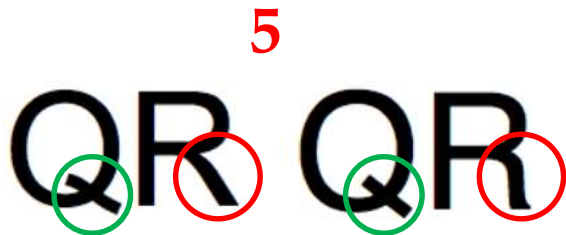
The screenshot shows the Identifont website interface. At the top, the site logo 'Identifont' is displayed in a yellow, stylized font. Below the logo, there are navigation links: 'About us', 'Blog', 'Fonts', 'Popular fonts', 'Fontset', 'Tools', 'Free fonts', 'Feedback', 'Contact us', and 'Terms'. A search bar is located below the navigation links, with the text 'helvetica' entered and a 'GO' button next to it. The search results are displayed under the 'Fonts by Similarity' tab. A list of similar fonts is shown, including Helvetica Now Text, Neue Haas Grotesk Display, Neue Haas Grotesk Text, Chalet London 1960, Chalet Book, Newhouse DT, Nimbus Sans, Neue Helvetica, Pragmatica, Swiss 721, CG Triumvirate, Arial, Fakt, Aktiv Grotesk, Univers, Acumin, San Francisco Display, San Francisco Text, Suisse Int'l, Clodder Grotesk, Neutral, AG Book, Diatype, and Shapiro 44 Welter. The 'Helvetica' font is highlighted in yellow. To the right of the list, a large preview window for the 'Helvetica' font is shown. It displays the alphabet 'ABCDEFGHIJKLMNOPQRSTUVWXYZÀ' and 'abcdefghijklmnopqrstuvwxyzàáéî&1', along with the numbers '234567890(\$£€.,!?)'. Below the preview, there is a description of the font, its history, and information about its designers and publishers. The preview window is labeled with a red '3'. The search bar and the list of similar fonts are labeled with red '2' and '4' respectively. The 'Fonts by Similarity' tab is labeled with a red '1'.

A Identifont

Identifont

- Differences between two fonts

1. Tools | Differences
2. choose two fonts
3. characters
4. main differences
5. not all differences noted



1

2

3

4

Identifont

About us | Blog | Latest fonts | Popular fonts | Fontset | Tools | Free fonts | Feedback | Contact us | Terms

Fonts by Appearance | Fonts by Name | Fonts by Similarity | Fonts by Picture | Fonts by Designer/Publisher

Differences

Compare: Arial and Helvetica Go

Tweet Differences

Arial	Helvetica
ABCDEFGHIJKLMN	ABCDEFGHIJKLMN
OPQRSTUVWXYZÀ	OPQRSTUVWXYZÀ
ÅÉÎÏØabcdefghijklm	ÅÉÎÏabcdefghijklmn
nopqrstuvwxyzàåéî&1	opqrstuvwxyzàåéî&1
&1234567890(\$£.,!?)	234567890(\$£€.!,?)

4

	The upper-case 'G' has no spur/tail.		The upper-case 'G' has a spur/tail.
	The top of the lower-case 't' ascender is angled upwards.		The top of the lower-case 't' ascender is flat.

Note that the fonts in the icons shown above represent general examples, not necessarily the two fonts chosen for comparison.

Show Examples

A Identifont

Identifont

- Free fonts

1. Free fonts
2. choose category
3. results

The screenshot shows the Identifont website interface. At the top, the logo 'Identifont' is displayed in a yellow, stylized font. Below the logo, there is a navigation bar with links: 'About us', 'Blog', 'Latest fonts', 'Popular fonts', 'Fontset', 'Tools', 'Free fonts' (highlighted with a red box and a red '1' above it), 'Feedback', 'Contact us', and 'Terms'. Below the navigation bar, there are five tabs: 'Fonts by Appearance', 'Fonts by Name', 'Fonts by Similarity', 'Fonts by Picture', and 'Fonts by Designer/Publisher'. The 'Free fonts' section is active, showing a selection of the best fonts available for free download. A red box labeled '2' highlights the 'Text serif' category in the left sidebar. The main content area displays a grid of font results under the 'Text serif' category. The results are organized into two columns. The first column lists fonts: Alegreya, Andada, Arapey, Brill, Buenard, Cardo, Cormorant, Fenix, and Forum. The second column lists fonts: Literata, Noto Serif, Playfair Display, Quattrocento, Reforma 1918, Reforma 1969, Reforma 2018, Rufina, and Sedan. A red box labeled '3' highlights the entire grid of font results.

A Identifont

- Other tools

1. Tools

1

Identifont Tools
Additional tools to help you find fonts with particular characteristics, or for specific applications.

Unusual features	Differences	Tall fonts	Wide fonts
Find fonts containing a character with an unusual feature.	Compare similar fonts and see the differences.	Find extremely condensed fonts for narrow spaces.	Find extremely wide fonts for tight vertical spaces.
Companions	Optical sizes	Equal width fonts	Alternatives
Find different styles of typefaces designed to work well together.	Find families of fonts with versions optimised for use at different sizes.	Find families of fonts in which the different weights or styles have identical character widths.	Find suggested alternatives to the most popular fonts, and compare them.
Positive/negative fonts	Variants	Grades	Font Blender
Find fonts in versions designed to match the appearance of black-on-white and white-on-black text.	Find families of fonts with variants in which one or more characters have alternate shapes.	Find families of fonts with subtle variations in weight, to compensate for variations in the printing or display process.	Find fonts that blend between two specified fonts.

A Identifying a font

- Take a screen capture
 - or picture on phone
- WhatTheFont
- <https://www.myfonts.com/WhatTheFont/>
 - also available on Android/iOS
- WhatFontIs.com
- <https://www.whatfontis.com>

It's Baskerville!

Canada wordmark

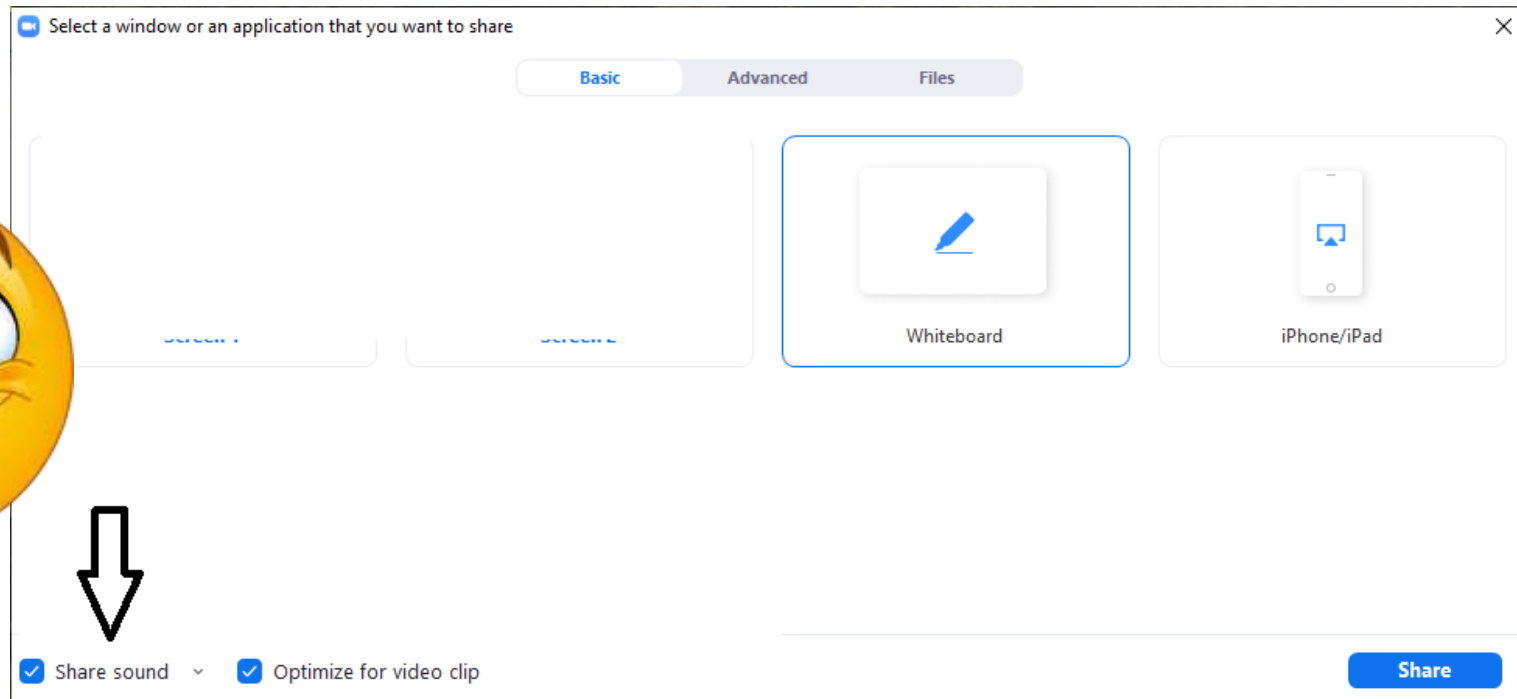
Canada



Share

Share YouTube video with sound

- Shared a YouTube video over Zoom
 - no sound heard by Zoom meeting attendees
- When sharing iTunes, attendees hear music
- Must check box *Share sound* when sharing your screen



Share

NFT photography art



- Want to publish your art as “non-fungible tokens” on the blockchain?
- <https://www.youtube.com/watch?v=Po7LhQ1GUOU>
 - getting into NFT art
 - where to place yourself socially
 - how to network
 - where to get a wallet
 - how to protect yourself and red flags
 - what is a floor and other terms used in the crypto art space
 - ...and more!



Unstable Internet on Zoom

- I just attended a Zoom Meeting and kept getting the message that my connection to the Internet was unstable
- The video on the screen kept stopping while a person was talking
- I am a Bell customer, and I have had no issues so far with my other devices (e.g. cell phone) in receiving signals from the router
- Any suggestions would be welcome!

A Things to check

- Make sure that nobody else on your side of the router has Internet connections, especially using streaming content
- Check (use Task Manager) that you don't have anything using Internet connectivity
- Call Ma Bell!





**Any other:
Questions
Comments
Shares?**

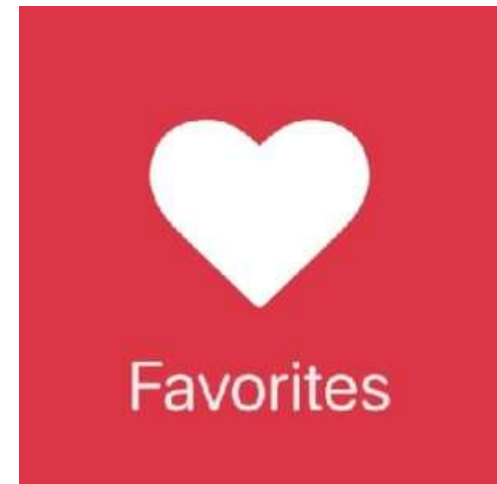
September Meeting



Members' Favourites

September 8, 2021

7:30 pm





No Q&A on
September 8
(Monthly Meeting)



**Send your questions,
answers, and topics
you wish to share to:**

SuggestionBox@opcug.ca

