

Agenda

- Backups
- Quick Clean
- Performance Issues
- Physical Clean
- Hardware Upgrades
- Removing Old Programs
- Duplicate Files
- Software Additions

Backups

- Critical first steps . . .
- Maybe use Macrium Reflect or True Image
- Image Backup System and Data
 - preferably to an External HD (later disconnected)
 - then provides Crypto-Locker protection
- Create CD or USB Recovery Disk
 - know how to boot from it, and prove it works OK
- Create System Restore Point
 - via Control Panel / Recovery / Configure System Restore

Quick Clean

- Run CCleaner (free sw)
 - Clears Recycle Bin, Temp files, Browser Cache
 - maybe do a Registry Clean (use Backup option!)
- Run MalwareBytes (or equivalent)
 - Scan for any lurking virus components
 - Scan / Remove PUPs (Potentially Unwanted Programs)
 - ... ADW now part of MalwareBytes
- Maybe run Spy-Bot S&D as 2nd opinion . . .



CCleaner Free

Windows 10 Pro 64-bit Intel Core2 Duo CPU E6850 @ 3.00GHz, 4.0GB RAM, NVIDIA GeForce GT 610











Options



Windows	Applications					10	0%
 ✓ Microsoft Edge ✓ Internet Cache ✓ Internet History ✓ Cookies ✓ Download History 			emoved. (Approximate size)				^
		Details of files to be deleted (Note: No files have been deleted yet)					
✓ Session	ad LIDLa	Internet Explore	er - Temporary Internet Files	5,124 KB	3 files		
Recently Type Saved Form I		Windows Explo	er - Recent Documents	3 KB	6 files		
Saved Passwo		Windows Explo	er - Thumbnail Cache	22 KB	6 files		
€ Internet Explorer		System - Windo	ws Log Files	9,728 KB	19 files		
✓ Temporary Ir	nternet Files	Firefox - Interne	et Cache	Skipped			
✓ History		Firefox - Interne	et History	Skipped			
✓ Cookies	Lupi	Firefox - Session	1	21 KB	5 files		
Recently Type Index.dat file		Applications - C	Office 2010	2 KB	3 files		
✓ Index.dat file							V
	Form History	r					
Saved Passwo	·	Analyze				Run Cleaner	
Windows Explo	rer						

Performance

Un-needed Start-Up programs

- For Win-7, use Msconfig. For Win-8 +, use Task Manager
- use Google to clarify need (most = No)
- disable un-needed start-up programs (eg. Adobe Updater)

Use Task Manager to identify bottlenecks

- sort columns to show biggest jobs / tasks
- usually CPU and paging (ie. Memory shortage)
- may need Resource Monitor to show files in use
- can kill tasks seperately to see effect

□ Task Manager File Options View	Win 8 d	onwards	-			
Processes Performance App history Start-up Users Details Services						
Name	Publisher	Status	Start-up impact			
Cool Beans System Info	Cool Beans Software	Enabled	Not measured			
Classic Start Menu	IvoSoft	Enabled	Not measured			
Spybot - Search & Destroy tray access	Safer-Networking Ltd.	Disabled	None			
Citrix FTA, URL Redirector	Citrix Systems, Inc.	Disabled	None			
Citrix Connection Center	Citrix Systems, Inc.	Disabled	None			
ArcSoft Connect Daemon	ArcSoft Inc.	Disabled	None			
WinFast DTV Schedule	Leadtek Research Inc.	Disabled	None			
Makes sure Spybot 2 is there on Wind	Safer-Networking Ltd.	Disabled	None			
	Piriform Ltd	Disabled	None			
Microsoft OneDrive	Microsoft Corporation	Disabled	None			
NVIDIA Update Backend	NVIDIA Corporation	Disabled	None			

Physical Clean

- Disconnect Power, Open case carefully
 - Remove dust from fans, radiators, surfaces
 - Use Paint Brush, Canned Air blast?
 - Special USB Vacuum Brush
- Clean out dust (and Crumbs) from Keyboard
 - USB Vacuum is ideal
 - Care with Household Vacuum Cleaner
- Clean out goo from Mouse Rollerball / Optics

HW Upgrades

- Add memory: 2 GB / \$30+
- Add SSD: 120 GB / \$60
- Add external HDD (for Backups, Protection)
- New Monitor: 24" / \$160, 27" / \$250
- TV Tuner: \$40
- New Printer: InkJet MFP / \$50 \$300
- New Keyboard / Mouse: \$20+
- New PC: \$300 to \$3,000...

Old Programs

- Over time, many trial or superseded programs
- Use Control Panel / Programs & Features list
 - sort alphabetic, date installed, size etc
- Removal
 - try Programs Uninstaller first
 - Uninstall from CP / Programs
 - Ccleaner / Tools /
 - Revo Un-installer fro complete removal



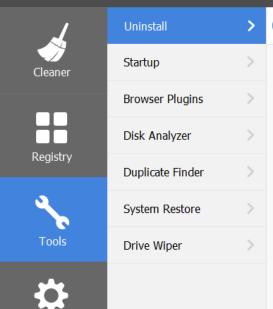
Options

CCleaner Free

Intel Core2 Duo CPU E6850 @ 3.00GHz, 4.0GB RAM, NVIDIA GeForce GT 610



Select a program from the list you want to remove from your computer



Programs to Remove	Publ	Install Date	Size	Ver
3D Builder	Micr	1/12/2016		12.0
4K Video Downloader 4.1	Ope	11/11/2016	103 MB	4.1.
7-Zip 16.04 (x64)	Igor	28/10/2016	4.75 MB	16.0
Adobe Flash Player 23 NPAPI	Ado	13/11/2016	19.2 MB	23.0
Alarms & Clock	Micr	13/12/2016		10.:
S App Installer	Micr	31/08/2016		1.0.
🌌 Asphalt 8: Airborne	GA	13/10/2016		2.7.
Belarc Advisor 8.5c	Bela	1/09/2016	6.31 MB	8.5.
Calculator	Micr	13/12/2016		10.:
Camera	Micr	12/12/2016		201
🐧 Canon MP480 series MP Dri		31/08/2016		
Canon My Printer	Can	1/09/2016	13.1 MB	3.3.
CCleaner	Pirif	15/12/2016	19.0 MB	5.2! ¥
<				>

Uninstall
Repair
Rename
Delete
Q Search
Save to text file

Duplicate Files

- Same file, same name, multiple locations
 - Use CCleaner-Tools for initial scan and review

- Near same file (photos, music), different name
 - Suggest initial visual cleanup (esp. photos)
 - Use dupguru for content comparison
 - May need overnight scan and analysis
 - User review before any deletes

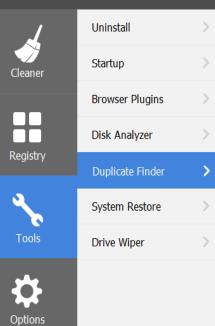


CCleaner Free

Windows 10 Pro 64-bit
Intel Core2 Duo CPU E6850 @ 3.00GHz, 4.0GB RAM, NVIDIA GeForce GT 61

Searches for duplicate files

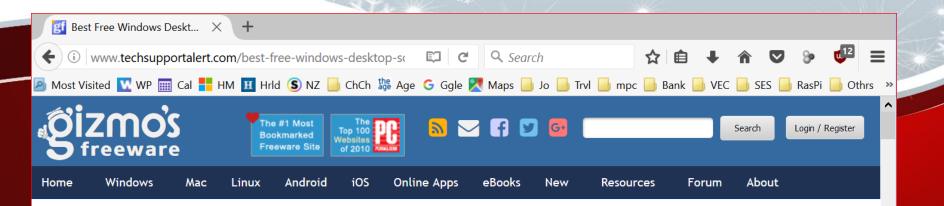
v5.25.5902 (64-bit)



/						
← Back						
	Name	Path	Size	Creation Date		
File (Count: 2					
	SES-Nuna-Nov2011b.wmv	G:\db-DocumentsSES\FTP-Files	47.2 MB	30/11/2011		
	SES-Nuna-Nov2011b.wmv	G:\db-Videos	47.2 MB	30/11/2011		
File (Count: 5					
	data.zip	G:\Pc-Training\GPS\GPS-Backup-NewProgs\iGO8	42.3 MB	29/09/2009		
	data.zip	G:\Pc-Training\GPS\GPS-Rebuild\iGO8	42.3 MB	29/09/2009		
	data.zip	G:\Pc-Training\GPS\GPS-TTS-Backup_sep12\iGO8	42.3 MB	29/09/2009		
	data.zip	K:\iGo8 GPS\GPS5-Backup-July2016\iGO8	42.3 MB	29/09/2009		
	data.zip	K:\iGo8 GPS\Nav N Go iGO 8 R3 series - v8.3.4.117940 (Nov 3	42.3 MB	29/09/2009		
File (Count: 2					
	Australia.dem	G:\Pc-Training\GPS\GPS-Rebuild\iGO8\content\dem	129 MB	8/08/2009 7:		
	Australia.dem	K:\iGo8 GPS\GPS5-Backup-July2016\iGO8\content\dem	129 MB	8/08/2009 7:		
File (Count: 2					
	SES Forensic Search.avi	G:\Pc-Training\GPS\GPS-TTS-Backup-July\Video	24.1 MB	4/01/2010 9:		
	SES Forensic Search.avi	G:\Pc-Training\GPS\GPS-TTS-Backup_sep12\Video	24.1 MB	4/01/2010 9:		

SW Additions

- Gizmo Index of Free Software
 - www.techsupportalert.com
- Choose by category
- Some suggestions
 - KeePass (Password Mgr), now free for multiple devices
 - WPS Office (or Libre Office) instead of MS-Office
 - Audacity Audio editing, Freemake Video Conversion
 - Google Earth Pro as demonstrated at BEAST



Best Free Windows Desktop Software - Editors Choice Selection

Submitted by MidnightCowboy | Last update on 9th December, 2016 - 3:03pm



All Windows Desktop Software



Windows Desktop Software - Editors Choice Index

Select a Category Group:

Get Notified of New Finds



Best Freeware Lists



Summary

- Many options for PC Presents
 - either self, family, friend, grandkids!
- Most are free (or low cost)
 - don't need much expertise, but MelbPC can help
- Memory and SSD enhancements
 - give best 'back for buck'
- Housekeeping
 - can provide considerable benefits

