

Made by Adam.#1953 on discord.

DISCLAIMER:

You may bluescreen, don't cry to me if you do, simply load hive and re-enable the drivers.

List was made for W10 but this list has worked for many people on W7 and W8.1

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Last updated: 01/08/2020 (1st August, 2020)

[Click here for changelog.](#)

I may have missed some drivers because I have some drivers stripped.

Drivers highlighted in **RED** mean you have to do multiple steps to disable them and / or disabling them may have negative effects on latency / performance.

[RUN THIS REGISTRY FILE BEFORE DISABLING DRIVERS](#)
[PASTEBIN BACKUP INCASE FIRST LINK IS DOWN](#)

PLEASE READ THE DESCRIPTION OF THE DRIVERS

AcpiDev - ACPI Devices driver
acpipagr - ACPI Processor Aggregator Driver
AcpiPmi - ACPI Power Meter Driver
Acptime - ACPI Wake Alarm Driver
ahcache - Application Compatibility Cache / Breaks Settings App

AmdPPM - This is the same as IntelPPM. This will disable C-states as well. If you disable this then also disable the "Processor" driver.

If you lose fps or gain in latency then enable Processor and AmdPPM.

amdsata - Do not disable on an AMD CPU.
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AFD - Ancillary Function Driver for Winsock / Can be disabled if you set a static IP in windows and have disabled the DHCP Client service.
Atapi - IDE Channel / **Bricks windows 7.** (idk about w8.1)
bam - Background Activity Moderator Driver
Beep - Most useless driver to exist
Bowser - NT Lan Manager Datagram Receiver Driver

CAD - Charge Arbitration Driver
cdfs - CD/DVD File System Reader
cdrom - CD-ROM Driver / Cannot use programs like rufus
CLFS - Common Log / General-purpose logging service
CldFlt - Windows Cloud Files Filter Driver
CSC - Offline Files Driver
CompositeBus - Composite Bus Enumerator Driver
condrv - Console Driver
cnghwassist - CNG Hardware Assist algorithm provider
CmBatt (Compbatt for W7) (For laptops) - Microsoft ACPI Control Method Battery Driver
dam - Desktop Activity Moderator Driver
dfsc - DFS Namespace Client Driver

EhStorClass - Enhanced Storage Filter Driver / Remove EhStorClass from LowerFilters in the following reg key:

HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Class\{4d36e967-e325-11ce-bfc1-08002be10318}

The driver is now safe to disable.

fastfat - FAT12/16/32 File System Driver
FileCrypt - Windows sandboxing and encryption filter.
FileInfo - File Information FS MiniFilter

fvevol - BitLocker Drive Encryption Filter Driver

Remove fvevol from LowerFilters in the following reg key:

HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Class\{71A27CDD-812A-11D0-BEC7-08002BE2092F}

The driver is now safe to disable.

GpuEnergyDrv - GPU Energy Driver
i8042prt - PS/2 Keyboard and Mouse Port Driver / Needed for PS2 Keyboards and Mice.

IntelPPM - This is the same as AmdPPM. This will disable C-states as well. If you disable this then also disable the "Processor" driver.

If you lose fps or gain in latency then enable Processor and IntelPPM.

iorate - Disk I/O Rate Filter Driver / Remove iorate from LowerFilters in

HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Class\{71A27CDD-812A-11D0-BEC7-08002BE2092F} The driver is now safe to disable.

KSecPkg - Kernel Security Support Provider Interface Packages
Kdnic - Microsoft Kernel Debug Network Miniport (NDIS 6.20)
ltdio - Link-Layer Topology Discovery Mapper I/O Driver
luaflv: UAC File Virtualization
Modem - Modem Device Driver
MMCSS - Multimedia Class Scheduler / Test Enabled vs Disabled in game.

MsLldp - Microsoft Link-Layer Discovery Protocol

MpsSvc - The Networking-MPSSVC-Svc component is part of Windows Firewall

Mssmbios - Microsoft System Management BIOS Driver

Mpsdrv - Windows Defender Firewall Authorization Driver

mrxsmb - SMB MiniRedirector Wrapper and Engine

Mrxsmb10 - SMB 1.x MiniRedirector

Mrxsmb20 - SMB 2.0 MiniRedirector

Mup - Multiple UNC Provider Driver. Strip gpedit.msc before disabling.

mssecflt - Microsoft Security Events Component Minifilter

msisadv - Disabling breaks laptop keyboards and PS2 keyboards. Once you disable this and restart go into device manager and click show hidden devices and delete the greyed out ones.

NdisVirtualBus - Microsoft Virtual Network Adapter Enumerator

NdisTapi - Remote Access NDIS TAPI Driver

NdisWan - Remote Access NDIS WAN Driver

Ndproxy - NDIS Proxy Driver

Npsvctrig - Named pipe service trigger provider

NetBIOS - NetBIOS interface driver

NetBT - Implements NetBios over TCP/IP

ndu - Windows Network Data Usage Monitoring Driver

Null - This can be disabled, but it breaks some functionality of the kernel. Null is required for piping thus for some programs to work, like wget and wsusoffline.

PEAUTH - Protected Environment Authentication and Authorization Export Driver

pcw - Performance Counters for Windows Driver / Needed for task manager to work. Use [process explorer](#) instead.

PptpMiniport - WAN Miniport (PPTP)

Psched - QoS Packet Scheduler

To disable run these commands in powershell:

Disable-NetAdapterBinding -Name * -ComponentID ms_pacer -ErrorAction SilentlyContinue

Disable-NetAdapterQos -Name * -ErrorAction SilentlyContinue

Go to

HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Class\{4d36e972-e325-11ce-bfc1-08002be10318} and expand the key.

Expand your NIC (0001 etc)

Click on the Linkage key

Delete the line in FilterList that contains {B5F4D659-7DAA-4565-8E41-BE220ED60542}.

Do this on ALL your NIC's.

QWAVEdrv - Quality Windows Audio Video Experience (qWave) is a networking platform for Audio Video (AV) streaming applications on IP home networks.

qWave enhances AV streaming performance and reliability by ensuring network quality-of-service (QoS) for AV applications.

It provides mechanisms for admission control, run time monitoring and enforcement, application feedback, and traffic prioritization.

Rdpmu - Remote Desktop Device Redirector Bus Driver

rdyboost - Remove rdyboost from LowerFilters in the following reg key:

HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Class\{71a27cdd-812a-11d0-bec7-08002be2092f}

Now you can set start to 4.

(You can also strip it instead).

RasAcad - Remote Access Auto Connection Driver

RasAgileVpn - WAN Miniport (IKEv2)

Rasl2tp - WAN Miniport (L2TP)

RasPppoe - Remote Access PPPOE Driver

RasSstp - WAN Miniport (SSTP)

rdbsp - Redirected Buffering Sub System

rspndr - Link-Layer Topology Discovery Responder

sermouse - Serial Mouse Driver / Needed for ps2 mice

stornvme - Microsoft Standard NVM Express Driver / Needed for nvme and m.2 drives

swenum - Software Bus Driver / Needed for webcams.

Spaceport - Storage Spaces Driver

srv2 - Server SMB 2.xxx Driver / [Disable server](#) in services.msc before disabling this driver.

Srvnet - Server network driver ./ [Disable server](#) in services.msc before disabling this driver.

Tcpip6 - Microsoft IPv6 Protocol Driver

tunnel - Microsoft Tunnel Miniport Adapter Driver

tdx - Disabling will not allow you to connect to the internet. Workaround:

Go to HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\services\Dhcp Click on DependOnService and remove tdx so you only have NSI and Afd left.

(You don't need to do the workaround if you have set a static IP in windows).

tcpipreg - TCP/IP Registry Compatibility

TPM - Trusted Platform Module

udfs - Reads/Writes UDF 1.02,1.5,2.0x,2.5 disc formats, usually found on C/DVD discs.

UMBus - UMBus Enumerator Driver

UEFI - Can be disabled on UEFI. Bricks **some** systems.

vwifibus - Virtual Wireless Bus Driver

vwifilt - Virtual WiFi Filter Driver

vdrvroot - Microsoft Virtual Drive Enumerator

Volmgrx - Extension of the volume manager driver that manages software RAID volumes (spanned, striped, mirrored, RAID-5) on dynamic disks / Dynamic Volume Manager.

Wanarp - Remote Access IP ARP Driver

wanarpv6 - Remote Access IPv6 ARP Driver

Wcifs - Windows Container Isolation

Wcnfs - Windows Container Name Virtualization

ws2ifsl - Winsock IFS Driver

WindowsTrustedRT - Windows Trusted Execution Environment Class Extension

WindowsTrustedRTPProxy - Microsoft Windows Trusted Runtime Secure Service

WmiAcpi - Microsoft Windows Management Interface for ACPI

Wof - May cause a bluescreen if disabled before / after running melody's pack. Windows Overlay File System Filter Driver

Wdboot - Probably related to windows defender.

WdFilter - Related to windows defender.

WdNisDrv - Related to windows defender.

Wdntsltr - Related to windows defender.