

Made by Adam#0001 on discord. (You need to copy and paste to friend me).

**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

Thank you to Melody, Zoyata, Dreammjow, CatGamerOP, Jalyx and Ravenouz for helping me with this list.

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[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.

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**[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 / **Could brick your OS, test this driver.**  
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.