**Drivers List**

**Created by using DriverView**

| Driver Name | Description | Version | Created Date | Modified Date | Product Name | Company |
|---|---|---|---|---|---|---|
| dump_iaStor.sys | | | N/A | N/A | | |
| dump_dumpfve.sys | | | N/A | N/A | | |
| CHDRT64.sys | 64-bit High Definition Audio Function Driver | 4.95.48.0 built by: WinDDK | 3/8/2011 12:04:49 PM | 8/25/2010 11:46:18 AM | Conexant HDAudio Driver | Conexant Systems Inc. |
| ACPI.sys | ACPI Driver for NT | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:47:29 PM | 11/20/2010 9:32:46 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| afd.sys | Ancillary Function Driver for WinSock | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:48:30 PM | 11/20/2010 5:23:34 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| apisetschema.dll | ApiSet Schema DLL | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:18:54 PM | 7/13/2009 9:24:53 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| usbaapl64.sys | Apple Mobile Device USB Driver | 1, 55, 0, 0 | 2/18/2011 5:36:58 PM | 2/18/2011 5:36:58 PM | Apple Mobile Device USB Driver | Apple, Inc. |
| BATTC.SYS | Battery Class Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:31:01 PM | 7/13/2009 9:52:21 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| Beep.SYS | BEEP Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:00:13 PM | 7/13/2009 8:00:13 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| fvevol.sys | BitLocker Drive Encryption Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:47:40 PM | 11/20/2010 9:28:59 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| blbdrive.sys | BLB Drive Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:35:59 PM | 7/13/2009 7:35:59 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| serial.sys | Brotehr Serial I/F Driver (WDM) | 1.0.1.6 (vbl_wcp_d2_drivers.060801-2007) | 7/13/2009 8:00:40 PM | 7/13/2009 8:00:40 PM | Microsoft® Windows® Operating System | Brother Industries Ltd. |
| cdd.dll | Canonical Display Driver | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:54 PM | 11/20/2010 8:55:29 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| CI.dll | Code Integrity Module | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:47:43 PM | 11/20/2010 9:28:59 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| CLFS.SYS | Common Log File System Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:19:59 PM | 7/13/2009 9:52:31 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| compbatt.sys | Composite Battery Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:31:02 PM | 7/13/2009 9:52:31 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| CmBatt.sys | Control Method Battery Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:31:03 PM | 7/13/2009 7:31:03 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| crashdmp.sys | Crash Dump Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:01:01 PM | 7/13/2009 9:47:48 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| usbhub.sys | Default Hub Driver for USB | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:46:54 PM | 11/20/2010 6:44:30 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| dfsc.sys | DFS Namespace Client Driver | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:46:00 PM | 11/20/2010 5:26:32 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| mdmxsdk.sys | Diagnostic Interface x64 Driver | 1.0.2.012 | 5/23/2010 3:29:43 AM | 6/18/2006 9:27:24 AM | Diagnostic Interface x64 Driver | Conexant |
| Dxapi.sys | DirectX API Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:38:28 PM | 7/13/2009 7:38:28 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| dxgkrnl.sys | DirectX Graphics Kernel | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:48:13 PM | 11/20/2010 9:33:25 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| dxgmms1.sys | DirectX Graphics MMS | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:46:31 PM | 11/20/2010 5:49:55 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| DzHDD64.sys | Doze Mode Kernel Driver for HDD control | 1.1.3.0 built by: WinDDK | 5/23/2010 3:17:26 AM | 2/4/2011 3:45:00 AM | Doze Mode Kernel Driver for HDD control | Lenovo. |
| usbehci.sys | EHCI eUSB Miniport Driver | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:22 PM | 11/20/2010 6:43:54 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| Fs_Rec.sys | File System Recognizer Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:19:46 PM | 7/13/2009 9:47:48 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| fileinfo.sys | FileInfo Filter Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:34:25 PM | 7/13/2009 9:47:48 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| TSDDD.dll | Framebuffer Display Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:16:34 PM | 7/13/2009 8:16:34 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| fwpkclnt.sys | FWP/IPsec Kernel-Mode API | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:46:54 PM | 11/20/2010 9:33:34 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| hal.dll | Hardware Abstraction Layer DLL | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:41 PM | 11/20/2010 9:33:34 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| hwpolicy.sys | Hardware Policy Driver | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:46:54 PM | 11/20/2010 9:33:36 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| HIDCLASS.SYS | Hid Class Library | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:12 PM | 11/20/2010 6:43:49 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| mouhid.sys | HID Mouse Filter Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:00:20 PM | 7/13/2009 8:00:20 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| HIDPARSE.SYS | Hid Parsing Library | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:06:17 PM | 7/13/2009 8:06:17 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| HDAudBus.sys | High Definition Audio Bus Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:45:42 PM | 11/20/2010 6:43:43 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| CAX_CNXT.sys | HSF_CNXT driver | 7.80.5.0 built by: WinDDK | 5/23/2010 3:29:43 AM | 6/29/2009 11:59:54 PM | SoftK56 Modem Driver | Conexant Systems, Inc. |
| CAX_DPV.sys | HSF_DP driver | 7.80.5.0 built by: WinDDK | 5/23/2010 3:29:43 AM | 6/30/2009 12:05:16 AM | SoftK56 Modem Driver | Conexant Systems, Inc. |
| CAXHWAZL.sys | HSF_HWAZL WDM driver | 7.80.5.0 built by: WinDDK | 5/23/2010 3:29:43 AM | 6/30/2009 12:01:16 AM | SoftK56 Modem Driver | Conexant Systems, Inc. |
| HTTP.sys | HTTP Protocol Stack | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:48:32 PM | 11/20/2010 5:25:14 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| i8042prt.sys | i8042 Port Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:19:58 PM | 7/13/2009 7:19:57 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| igdkmd64.sys | Intel Graphics Kernel Mode Driver | 8.15.10.2253 | 3/8/2011 12:02:43 PM | 11/28/2010 10:23:16 PM | Intel Graphics Accelerator Drivers for Windows 7(R) | Intel Corporation |
| mcupdate_GenuineIntel.dll | Intel Microcode Update Library | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:48:42 PM | 11/20/2010 9:33:41 AM | Microsoft® Windows® Operating System | Microsoft Corporation |

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|---|---|---|---|---|---|---|
| iaStor.sys | Intel Rapid Storage Technology driver - x64 | 10.1.0.1008 | 3/29/2011 1:39:50 PM | 11/5/2010 11:45:48 PM | Intel Rapid Storage Technology driver | Intel Corporation |
| IntcDAud.sys | Intel(R) Display Audio Driver | 6.14.00.3074 built by: WinDDK | 3/8/2011 12:02:54 PM | 10/15/2010 1:28:16 AM | Intel(R) Display Audio | Intel(R) Corporation |
| e1k62x64.sys | Intel(R) Gigabit Adapter NDIS 6.x driver | 11.5.10.1030 built by: WinDDK | 3/8/2011 12:09:01 PM | 7/22/2010 11:39:10 AM | Intel(R) Gigabit Adapter | Intel Corporation |
| HECIx64.sys | Intel(R) Management Engine Interface | 6.0.0.1179 built by: WinDDK | 5/23/2010 4:00:20 AM | 9/16/2009 11:54:54 PM | Intel(R) Management Engine Interface | Intel Corporation |
| Impcd.sys | Intel(R) Turbo Boost Technology Driver | 1.2.0.1002 | 9/5/2010 9:26:50 AM | 2/26/2010 4:32:12 PM | Intel(R) Turbo Boost Technology Driver | Intel Corporation |
| bpmp.sys | Intel® Centrino® WiMAX Driver | 5.2.32.3 | 9/16/2009 12:45:08 AM | 9/16/2009 12:45:08 AM | Intel® Centrino® WiMAX | Intel Corporation |
| bpenum.sys | Intel® Centrino® WiMAX Enumerator | 5.2.32.3 | 9/16/2009 12:44:58 AM | 9/16/2009 12:44:58 AM | Intel® Centrino® WiMAX | Intel Corporation |
| bpusb.sys | Intel® Centrino® WiMAX Function Driver | 5.2.32.3 | 9/16/2009 12:45:00 AM | 9/16/2009 12:45:00 AM | Intel® Centrino® WiMAX | Intel Corporation |
| NETwNs64.sys | Intel® Wireless WiFi Link Driver | 13.4.0.9 | 10/18/2010 3:21:32 AM | 10/18/2010 3:21:32 AM | Intel® Wireless WiFi Link Adapter | Intel Corporation |
| msisadrv.sys | ISA Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:19:26 PM | 7/13/2009 9:48:27 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| cng.sys | Kernel Cryptography, Next Generation | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:48:17 PM | 11/20/2010 9:28:59 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| ks.sys | Kernel CSA Library | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:27 PM | 11/20/2010 6:33:25 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| WDFLDR.SYS | Kernel Mode Driver Framework Loader | 1.9.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:19:54 PM | 7/13/2009 9:45:55 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| Wdf01000.sys | Kernel Mode Driver Framework Runtime | 1.9.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:22:11 PM | 7/13/2009 9:45:55 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| msrpc.sys | Kernel Remote Procedure Call Provider | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:48:04 PM | 11/20/2010 9:33:45 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| ksecdd.sys | Kernel Security Support Provider Interface | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:41 PM | 11/20/2010 9:33:38 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| ksecpkg.sys | Kernel Security Support Provider Interface Packages | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:23 PM | 11/20/2010 9:33:38 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| ksthunk.sys | Kernel Streaming WOW Thunk Service | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:00:19 PM | 7/13/2009 8:00:19 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| kbdclass.sys | Keyboard Class Driver | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 7/13/2009 7:19:50 PM | 7/13/2009 9:48:04 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| lltdio.sys | Link-Layer Topology Mapper I/O Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:08:51 PM | 7/13/2009 8:08:51 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| rspndr.sys | Link-Layer Topology Responder Driver for NDIS 6 | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:08:51 PM | 7/13/2009 8:08:51 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| spldr.sys | loader for security processor | 6.1.7127.0 (fbl_security_bugfix(sepbld-s).090511-0943) | 7/13/2009 4:27:56 PM | 7/13/2009 9:45:55 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| mrxsmb20.sys | Longhorn SMB 2.0 Redirector | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:40 PM | 11/20/2010 5:26:47 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| mrxsmb10.sys | Longhorn SMB Downlevel SubRdr | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:55 PM | 11/20/2010 5:26:53 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| luafv.sys | LUA File Virtualization Filter Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:26:13 PM | 7/13/2009 7:26:13 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| secdrv.SYS | Macrovision SECURITY Driver | 4.03.086 | 7/13/2009 10:36:07 PM | 6/10/2009 4:37:19 PM | Macrovision SECURITY Driver | Macrovision Corporation, Macrovision Europe Limited, and Macrov |
| Msfs.SYS | Mailslot driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:19:47 PM | 7/13/2009 7:19:47 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| netbt.sys | MBT Transport driver | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:48:20 PM | 11/20/2010 5:23:20 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| MpFilter.sys | Microsoft antimalware file system filter driver | 3.0.8007.0 | 3/25/2010 9:30:22 PM | 10/24/2010 10:25:38 PM | Microsoft Malware Protection | Microsoft Corporation |
| fltmgr.sys | Microsoft Filesystem Filter Manager | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:47:53 PM | 11/20/2010 9:33:34 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| NisDrvWFP.sys | Microsoft Network Inspection System Driver | 3.0.8007.0 | 10/24/2010 10:25:38 PM | 10/24/2010 10:25:38 PM | Microsoft Forefront System | Microsoft Corporation |
| mpsdrv.sys | Microsoft Protection Service Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:08:25 PM | 7/13/2009 8:08:25 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| rdpbus.sys | Microsoft RDP Bus Device driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:17:46 PM | 7/13/2009 8:17:46 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| drmk.sys | Microsoft Trusted Audio Drivers | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:06:30 PM | 7/13/2009 9:01:25 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| tunnel.sys | Microsoft Tunnel Interface Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:46:02 PM | 11/20/2010 6:51:50 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| XAudio64.sys | Modem Audio Device Driver | 1.00.23.00 built by: WinDDK | 5/23/2010 3:29:43 AM | 4/28/2009 10:21:08 PM | SoftK56 Modem Driver | Conexant Systems, Inc. |
| modem.sys | Modem Device Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:10:49 PM | 7/13/2009 8:10:48 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| monitor.sys | Monitor Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:38:53 PM | 7/13/2009 7:38:52 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| mountmgr.sys | Mount Point Manager | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:47:04 PM | 11/20/2010 9:33:43 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| mouclass.sys | Mouse Class Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:19:50 PM | 7/13/2009 9:48:27 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| ndiswan.sys | MS PPP Framing Driver (Strong Encryption) | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:33 PM | 11/20/2010 6:52:34 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| wanarp.sys | MS Remote Access and Routing ARP Driver | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:15 PM | 11/20/2010 6:52:37 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| CompositeBus.sys | Multi-Transport Composite Bus Enumerator | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:45:47 PM | 11/20/2010 6:33:17 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| win32k.sys | Multi-User Win32 Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 2/9/2011 9:51:15 PM | 1/5/2011 2:56:24 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| mup.sys | Multiple UNC Provider Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:23:45 PM | 7/13/2009 9:48:27 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| nwifi.sys | NativeWiFi Miniport Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:07:24 PM | 7/13/2009 8:07:23 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| ndistapi.sys | NDIS 3.0 connection wrapper driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:10:00 PM | 7/13/2009 8:10:00 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| ndis.sys | NDIS 6.20 driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:48:31 PM | 11/20/2010 9:33:45 AM | Microsoft® Windows® Operating System | Microsoft Corporation |

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|---|---|---|---|---|---|---|
| NDProxy.SYS | NDIS Proxy | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:46:44 PM | 11/20/2010 6:52:20 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| ndisuio.sys | NDIS User mode I/O driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:46:14 PM | 11/20/2010 6:50:08 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| netbios.sys | NetBIOS interface driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:09:26 PM | 7/13/2009 8:09:26 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| NEOFLTR_700_17289.SYS | NetBIOS Redirector | 7, 0, 0, 17289 | 3/10/2011 10:25:19 AM | 12/16/2010 3:43:26 PM | Secure Application Manager | Juniper Networks |
| NETIO.SYS | Network I/O Subsystem | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:48:22 PM | 11/20/2010 9:33:46 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| MpNWMon.sys | Network monitor driver | 3.0.8007.0 | 3/25/2010 9:30:22 PM | 10/24/2010 10:25:38 PM | Microsoft Malware Protection | Microsoft Corporation |
| Npfs.SYS | NPFS Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:19:48 PM | 7/13/2009 7:19:48 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| nsiproxy.sys | NSI Proxy | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:21:03 PM | 7/13/2009 7:21:02 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| Ntfs.sys | NT File System Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:48:45 PM | 11/20/2010 9:33:46 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| ntoskrnl.exe | NT Kernel & System | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:49:07 PM | 11/20/2010 9:33:46 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| bowser.sys | NT Lan Manager Datagram Receiver Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:23:51 PM | 7/13/2009 7:23:50 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| ntdll.dll | NT Layer DLL | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:48:53 PM | 11/20/2010 9:28:37 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| pci.sys | NT Plug and Play PCI Enumerator | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:47:48 PM | 11/20/2010 9:33:48 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| Null.SYS | NULL Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:19:38 PM | 7/13/2009 7:19:38 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| partmgr.sys | Partition Management Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:47:34 PM | 11/20/2010 9:33:48 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| raspptp.sys | Peer-to-Peer Tunneling Protocol | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:28 PM | 11/20/2010 6:52:32 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| pcw.sys | Performance Counters for Windows Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:19:30 PM | 7/13/2009 9:45:45 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| PSHED.dll | Platform Specific Hardware Error Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:19:28 PM | 7/13/2009 9:45:45 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| swenum.sys | Plug and Play Software Device Enumerator | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:00:18 PM | 7/13/2009 9:45:55 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| disk.sys | PnP Disk Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:19:57 PM | 7/13/2009 9:47:48 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| portcls.sys | Port Class (Class Driver for Port/Miniport Devices) | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:06:29 PM | 7/13/2009 8:06:29 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| Tppwr64v.sys | Power Manager | 1, 0, 0, 0 built by: WinDDK | 5/23/2010 3:17:26 AM | 2/4/2011 3:45:00 AM | 1, 0, 0, 0 | Lenovo Group Limited |
| intelppm.sys | Processor Device Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:19:26 PM | 7/13/2009 7:19:25 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| peauth.sys | Protected Environment Authentication and Authorization Export Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:51:01 PM | 7/13/2009 9:01:19 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| PxHlpa64.sys | Px Engine Device Driver for 64-bit Windows | 3.00.93.0 | 10/1/2010 12:01:30 PM | 3/19/2010 3:00:00 AM | PxHelp64 | Sonic Solutions |
| pacer.sys | QoS Packet Scheduler | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:46:07 PM | 11/20/2010 6:52:20 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| AgileVpn.sys | RAS Agile Vpn Miniport Call Manager | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:10:24 PM | 7/13/2009 8:10:24 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| rasl2tp.sys | RAS L2TP mini-port/call-manager driver | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:47 PM | 11/20/2010 6:52:35 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| raspppoe.sys | RAS PPPoE mini-port/call-manager driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:10:17 PM | 7/13/2009 8:10:17 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| rassstp.sys | RAS SSTP Miniport Call Manager | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:10:25 PM | 7/13/2009 8:10:25 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| rdpencdd.sys | RDP Encoder Miniport | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:16:34 PM | 7/13/2009 8:16:34 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| RDPCDD.sys | RDP Miniport | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:16:34 PM | 7/13/2009 8:16:34 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| rdprefmp.sys | RDP Reflector Driver Miniport | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:16:35 PM | 7/13/2009 8:16:35 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| rdyboost.sys | ReadyBoost Driver | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:07 PM | 11/20/2010 9:33:53 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| rdbss.sys | Redirected Drive Buffering SubSystem Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:48:01 PM | 11/20/2010 5:27:54 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| termdd.sys | Remote Desktop Server Driver | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:33 PM | 11/20/2010 9:33:57 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| CLASSPNP.SYS | SCSI Class System Dll | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:39 PM | 11/20/2010 9:32:57 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| kdcom.dll | Serial Kernel Debugger | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:19:21 PM | 7/13/2009 9:48:04 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| serenum.sys | Serial Port Enumerator | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:00:33 PM | 7/13/2009 8:00:33 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| srv.sys | Server driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:48:28 PM | 11/20/2010 5:28:09 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| srvnet.sys | Server Network driver | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:48:17 PM | 11/20/2010 5:27:21 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| Apsx64.sys | Shockproof Disk Driver | 1.72.0.0 | 6/16/2010 1:44:38 PM | 6/16/2010 1:44:38 PM | ThinkVantage Active Protection System | Lenovo. |
| srv2.sys | Smb 2.0 Server driver | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:48:28 PM | 11/20/2010 5:27:46 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| psadd.sys | SMBIOS Driver | 6.1.1015.0 | 10/8/2009 10:52:41 PM | 7/1/2009 10:16:02 PM | SMBIOS Driver | Lenovo (United States) Inc. |
| Tvti2c.sys | SMBUS Driver | 6.5.1016.0 | 10/8/2009 10:52:41 PM | 9/24/2009 7:58:38 AM | SMBUS Driver | Lenovo (United States) Inc. |
| smiifx64.sys | SMI Driver for Lenovo system | 1.05 built by: WinDDK | 3/8/2011 12:10:07 PM | 9/7/2010 3:09:34 PM | Lenovo Common Driver | Lenovo Group Limited |
| smihlp.sys | SMI helper driver | 5.8.4.5169 | 3/13/2009 5:47:34 PM | 3/13/2009 5:47:34 PM | ThinkVantage Fingerprint Software | UPEK Inc. |
| speedfan.sys | SpeedFan Device Driver | 5.2.3790.0 built by: WinDDK | 2/7/2007 2:27:46 PM | 2/7/2007 2:27:46 PM | Windows (R) Server 2003 DDK driver | Windows (R) Server 2003 DDK provider |

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|---|---|---|---|---|---|---|
| amdxata.sys | Storage Filter Driver | 1.1.2.5 (NT.091202-1659) | 3/17/2011 4:47:38 PM | 11/20/2010 9:32:47 AM | Storage Filter Driver | Advanced Micro Devices |
| SynTP.sys | Synaptics Touchpad Driver | 15.2.14 17Feb11 | 3/20/2011 2:25:17 PM | 2/17/2011 7:25:02 PM | Synaptics Pointing Device Driver | Synaptics Incorporated |
| discache.sys | System Indexer/Cache Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:37:18 PM | 7/13/2009 7:37:18 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| mssmbios.sys | System Management BIOS Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:31:10 PM | 7/13/2009 9:48:27 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| tcpip.sys | TCP/IP Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:48:58 PM | 11/20/2010 9:33:57 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| tcpipreg.sys | TCP/IP Registry Compatibility Driver | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:46:21 PM | 11/20/2010 6:51:48 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| tdx.sys | TDI Translation Driver | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:48:21 PM | 11/20/2010 5:21:56 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| TDI.SYS | TDI Wrapper | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:45:56 PM | 11/20/2010 5:22:07 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| ibmpmdrv.sys | ThinkPad Power Management Driver | 1.61.00.11 | 3/8/2011 12:09:24 PM | 11/12/2010 7:48:30 PM | ThinkPad | Lenovo. |
| ApsHM64.sys | ThinkVantage Active Protection System HID Digitizer Activity Monitor Driver | 1.72.0.0 built by: WinDDK | 6/16/2010 1:44:38 PM | 6/16/2010 1:44:38 PM | ThinkVantage Active Protection System | Lenovo. |
| tpm.sys | TPM Device Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:21:48 PM | 7/13/2009 7:21:48 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| USBD.SYS | Universal Serial Bus Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:06:23 PM | 7/13/2009 8:06:23 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| USBPORT.SYS | USB 1.1 & 2.0 Port Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:47:35 PM | 11/20/2010 6:44:00 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| hidusb.sys | USB Miniport Driver for Input Devices | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:45:46 PM | 11/20/2010 6:43:49 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| umbus.sys | User-Mode Bus Enumerator | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:46:28 PM | 11/20/2010 6:44:37 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| vga.sys | VGA/Super VGA Video Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:38:48 PM | 7/13/2009 7:38:47 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| VIDEOPRT.SYS | Video Port Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:38:51 PM | 7/13/2009 7:38:51 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| vdrvroot.sys | Virtual Drive Root Enumerator | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:01:31 PM | 7/13/2009 9:45:55 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| vmbus.sys | Virtual Machine Bus | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:54 PM | 11/20/2010 9:34:01 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| vmstorfl.sys | Virtual Storage Filter Driver | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:46:43 PM | 11/20/2010 9:34:01 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| vwifibus.sys | Virtual WiFi Bus Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:07:21 PM | 7/13/2009 8:07:21 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| vwififlt.sys | Virtual WiFi Filter Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:07:22 PM | 7/13/2009 8:07:22 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| vwifimp.sys | Virtual WiFi Miniport Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:07:28 PM | 7/13/2009 8:07:28 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| volmgr.sys | Volume Manager Driver | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:44 PM | 11/20/2010 9:34:01 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| volmgrx.sys | Volume Manager Extension Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:47:14 PM | 11/20/2010 9:34:01 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| volsnap.sys | Volume Shadow Copy Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 3/17/2011 4:48:03 PM | 11/20/2010 9:34:02 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| watchdog.sys | Watchdog Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:37:35 PM | 7/13/2009 7:37:35 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| wfplwf.sys | WFP NDIS 6.20 Lightweight Filter Driver | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 8:09:26 PM | 7/13/2009 8:09:26 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| csc.sys | Windows Client Side Caching Driver | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:48:15 PM | 11/20/2010 5:27:13 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| WudfPf.sys | Windows Driver Foundation - User-mode Driver Framework Platform Driver | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:45:41 PM | 11/20/2010 6:42:44 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| WUDFRd.sys | Windows Driver Foundation - User-mode Driver Framework Reflector | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:45:42 PM | 11/20/2010 6:43:32 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| winhv.sys | Windows Hypervisor Interface Driver | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:08 PM | 11/20/2010 9:33:38 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| wmiacpi.sys | Windows Management Interface for ACPI | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:31:03 PM | 7/13/2009 7:31:02 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| ATMFD.DLL | Windows NT OpenType/Type 1 Font Driver | 5.1 Build 232 | 2/9/2011 9:51:03 PM | 1/7/2011 5:20:44 AM | Adobe Type Manager | Adobe Systems Incorporated |
| mrxsmb.sys | Windows NT SMB Minirdr | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:53 PM | 11/20/2010 5:27:43 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| smss.exe | Windows Session Manager | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:19:50 PM | 7/13/2009 9:39:41 PM | Microsoft® Windows® Operating System | Microsoft Corporation |
| WinUSB.sys | Windows USB Class Driver BETA | 6.1.7601.17514 (win7sp1_rtm.101119-1850) | 3/17/2011 4:47:15 PM | 11/20/2010 6:43:56 AM | Microsoft® Windows® Operating System | Microsoft Corporation |
| WMILIB.SYS | WMILIB WMI support library Dll | 6.1.7600.16385 (win7_rtm.090713-1255) | 7/13/2009 7:19:51 PM | 7/13/2009 9:45:55 PM | Microsoft® Windows® Operating System | Microsoft Corporation |