

# VT6107 and VT8231/VT8233/VT8235/VT8237 Integrated LAN Software Package (VIA version) Version: 3.7

## 1. Major changes in this software packages

1.1. Support VT6107 from this software package.

1.2. New support for CE .NET 4.0/4.2 driver.

1.3. New support for CE .NET 4.2 ether-debug tool.

1.4. New support for XP embedded driver.

1.5. New support for MAC OS X driver.

1.6. Multi-language support in winsetup utility; 13 languages are supported including Danish, Dutch, French, German, Italian, Japanese, Korean, Norwegian, Portuguese, English, Simplified Chinese, Spanish, Traditional Chinese.

1.7. Provide "WinUinst" utility for driver remove within winsetup utility folder.

## 2. Notice

2.1. All the drivers included in this driver package are free for the vulnerability of Ethernet frame padding information leakage issue reported by @stake Inc. in Jan 2003.

## 3. Detailed change note list

### 3.1. Drivers

Name	Ver.	Support OSes	Location	Note
NDIS3 NDIS4 NDIS5	3.32	Win95, Win95OSR2, Win98, Win98SE, NT3.51, NT4.0, WinME, Win2000, WinXP, Windows Server 2003	Root directory	<ol style="list-style-type: none"> <li>1. Add new SVID/SSID.</li> <li>2. Port NDISM driver to WinXP Embedded SP1.</li> <li>3. Remove 3106C SVID/SSID and add VT6107 SVID/SSID.</li> <li>4. Add waiting NDIS returning packets mechanism for NDIS5 driver to fix issue reported by Microsoft.</li> <li>5. Indicate disconnect status to erase HCT 1c_InitTime test warning in WinXP/server2003.</li> </ol>
NDIS5 for AMD64	3.32	Windows XP, Windows Server 2003 for AMD64	\AMD64\	
NDIS5 for XP embedded	3.32	Windows XP embedded SP1	\XPe\	<ol style="list-style-type: none"> <li>1. First release for Windows XP embedded.</li> </ol>
NDIS5 for CE .NET	3.32	Windows CE .NET 4.0/4.2	\CE4\	<ol style="list-style-type: none"> <li>1. First beta release for Windows CE .NET 4.0/4.2.</li> </ol>

4.0/4.2				
NDIS3F	3.13	Windows For Workgroup 3.11	\WFW311\	1. No version change in this software package.
NDIS2	4.29	LAN Server DOS Workstations, LANTASTIC, PCNFS, MS DOS 6.22 (MS client 3.0)	\LANSVR40.DOS\ \LANTASTI\ \MSLANMAN.DOS\ \PCNFS\	1. Cleared Pre-ACPI bit in driver-init.
Packet	4.23	MS DOS 6.22 (NCSA Telnet client, PCTCP)	\PKTDRVR\	1. No version change in this software package.
Server ODI (ASM version)	4.24	Netware Server 3.11, 3.12, 4.11, 4.12	\NETWARE\SRVRODI.311\ \NETWARE\SRVRODI.312\ \NETWARE\SRVRODI.4\	1. Fix showing Adapter name by DeviceID issue. 2. Add showing PCI Bus,Device,Function number when driver is loaded.
Server ODI (C version)	5.27	Client 32 for DOS, Netware Server 5.0, 5.1, 6.0, 6.5	\NETWARE\CLIENT32\ \NETWARE\SRVRODI.56\	1. No version change in this software package.
DOS ODI	4.24	MS DOS 6.22 (Netware client for DOS)	\NETWARE\DOSODI\	1. No version change in this software package.
MAC OS	1.07	MAC OS X	\MACOSX\	1. First release for MAC OS X.
Linux	4.32	Linux Kernel 2.2.x ~ 2.4.24	\LINUX\	2. No version change in this software package.
FreeBSD	3.17	FreeBSD 3.2, 4.0, 4.11, 4.2, 4.5, 4.6, 4.7, 4.9, 5.0, 5.1	\FREEBSD\	1. No version change in this software package.
Unixware	2.13	SCO Unixware 7.1, OpenUnix 8	\UNIXWARE\	1. No version change in this software package.
SCO5	4.17	SCO Open Server 5.0.4	\SCO5\	1. No version change in this software package.
Solaris	1.07	Solaris 8, 9	\SOLARIS\	1. No version change in this software package.
DIAG	3.32	MS DOS 6.22	Root directory	1. Modify cable link test procedure. 2. Modify IEEE test PHY ID check range for VT3276. 3. Modify Network test Master UI string. 4. Sync lib to DIAG115, DRV134, SROM122, TBC117, TPC118, TUI115. 5. Modify Network Test for packet number mismatch problem.

Winsetup	2.24	Win95, Win95OSR2, Win98, Win98SE, NT3.51, NT4.0, WinME, Win2000, WinXP, Windows Server 2003	Root directory, \WINSETUP\	<ol style="list-style-type: none"> <li>1. Add support of multi language.</li> <li>2. Add WinUinst to perform remove operation only.</li> <li>3. Remove parameter process from WinUinst.</li> <li>4. Fix some string display error.</li> <li>5. Turns sub-lang id of Spanish to Modern.</li> <li>6. Change font on dialog to system.</li> <li>7. Resolve the need to double switch CDs.</li> <li>8. Change some sub-lang id to be the same as foreign OS within MSDN.</li> <li>9. Fix bug that copyfile in WinUinst caused access violation.</li> </ol>
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### 3.2. Application utilities for users

Name	Ver.	Support OSes	Location	Note
NICSET	2.04	Win95, Win95OSR2, Win98, Win98SE, NT4.0, WinME, Win2000, WinXP, Windows Server 2003	\NICSET\	<ol style="list-style-type: none"> <li>1. With 1.miniport driver(3.32), winsetup (2.24), nicset (2.06), NDIS2 (4.29), DOSODI (4.24), Co-Uninstall-AP DLL (1.00).</li> </ol>

### 3.3. Drivers/Utilities for Boot ROM users

Name	Ver.	Support OSes	Location	Note
Flash	3.10	MS DOS 6.22	\FLASH\	<ol style="list-style-type: none"> <li>1. No version change in this software package.</li> </ol>
RPL-DOS	4.32	Remote boot DOS	\RPL\	<ol style="list-style-type: none"> <li>1. Added Hot Key ESC to cancel network-boot procedure.</li> </ol>
RPL-W95	4.32/ 3.32	Remote boot Windows 95 Golden	\RPLW95\	<ol style="list-style-type: none"> <li>1. Use newer version RPL bootrom.</li> </ol>
PXE	2.33		\PXE\	<ol style="list-style-type: none"> <li>1. No version change in this software package.</li> </ol>
PXERPL	2.33		\PXERPL\	<ol style="list-style-type: none"> <li>1. PXE 2.33 and RPL 4.32.</li> </ol>

### 3.4. Drivers/Utilities for manufacturer, not to release to users

Name	Ver.	Support OSes	Location	Note
Ether-debug tool for CE .NET	1.01	CE .NET 4.2	\ethertool\	1. First release for Windows CE .NET 4.2.
EEPROM	3.17	MS DOS 6.22	\EEPROM\	1. Add support for VT6107.

### 3.5. MISC

Name	Ver.	Support OSes	Location	Note
UNATTEND	1.00	Windows 9x, NT 4.0, 2000, XP	\UNATTEND\	1. No version change in this software package.