

# VT6107 and VT8231/VT8233/VT8235/VT8237/VT8251 Integrated LAN Software Package (VIA version) Version: 4.6

## 1. Major changes in this software packages

1.1. Change directory structure for including Windows Vista driver.

1.2. Stop support for legacy Windows (Win95(OSR2)/98(SE)/ME/NT3.x/NT4).

## 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.

2.2. WHQL submission number of the Windows NDISM driver (v3.66) for x86/x64 in this software package is 1226959.

## 3. Detailed change note list

### 3.1. Drivers

Name	Ver.	Support OS	Location	Note
NDIS3/4/5 for Legacy Windows	3.58	Win95, Win95OSR2, Win98, Win98SE, NT3.51, NT4.0, Windows ME	\\Win9xME_NT\X86\	
NDIS5 for Windows X86	3.66	Windows 2000, Windows XP, Windows Server 2003 X86 Edition	\\Win2K_XP_Srv2003\X86\	<ol style="list-style-type: none"> <li>1. Add new SSID/SVID.</li> <li>2. Extend the maximum number of TD/RD, limitation is modified from 128 to 256.</li> <li>3. Fixed Rhine NDIS5 miniport driver update failure on Vista.</li> <li>4. Modify INF for Vista format for Vista.</li> <li>5. Use new uninstaller and add DIFxAPI.dll for Vista.</li> <li>6. Modified to support Windows Embedded CE 6.0.</li> <li>7. Fix HCT test OID issue.</li> </ol>
NDIS5 for Windows X64		Windows XP, Windows Server 2003 X64 Edition	\\Win2K_XP_Srv2003\X64\	
NDIS5 for Windows Vista X86		Windows Vista X86 Edition	\\Vista\X86\	
NDIS5 for Windows Vista X64		Windows Vista X64 Edition	\\Vista\X64\	
NDIS5 for Embedded	3.66	Windows XP Embedded SP1	\\XPe\	
	3.65	Windows CE 4.0/4.2	\\CE4\	
		Windows CE 5.0	\\CE5\	
		Windows CE 6.0	\\CE6\	
NDIS3F	3.17	Windows For Workgroup 3.11	\\FW311\	1. No version change in this software package.
NDIS2	4.37	LAN Server DOS Workstations,	\\LANSVR40.DOS\,	1. No version change in this software package.

		LANTASTIC, PCNFS, DOS (MS client 3.0)	\LANTASTI\ \MSLANMAN.D OS\ \PCNFS\ 	
Packet	4.33	DOS (NCSA Telnet client, PCTCP)	\PKTDRVR\ 	<ol style="list-style-type: none"> <li>1. Add a timer to wait releasing resource, and remove times out mechanism for waiting transmitted completed in DriverSend, and only adopt async way to send packet.</li> <li>2. Move the location of enabling device interrupt for fixing issue of some system.</li> </ol>
Server ODI (ASM version)	5.02	Netware Server 3.11, 3.12, 4.11, 4.12	\NETWARE\SR VRODI.311\ \NETWARE\SR VRODI.312\ \NETWARE\SR VRODI.4\ 	<ol style="list-style-type: none"> <li>1. No version change in this software package.</li> </ol>
Server ODI (C version)	6.09	Client 32 for DOS, Netware Server 5.0, 5.1, 6.0, 6.5	\NETWARE\CL IENT32\ \NETWARE\SR VRODI.56\ 	<ol style="list-style-type: none"> <li>1. No version change in this software package.</li> </ol>
DOS ODI	4.29	DOS (Netware client for DOS)	\NETWARE\D OSODI\ 	<ol style="list-style-type: none"> <li>1. No version change in this software package.</li> </ol>
MAC OS	1.09	MAC OS X	\MACOSX\ 	<ol style="list-style-type: none"> <li>1. No version change in this software package.</li> </ol>
Linux	5.08	Linux x86 Kernel 2.2.x ~ 2.6.18 Linux AMD64 Kernel 2.4.x ~ 2.6.18	\LINUX\ 	<ol style="list-style-type: none"> <li>1. Fix compiler issue in Scientific Linux 4.2(kernel 2.6.15.7).</li> <li>2. Fix compiler issue in FC5(kernel 2.6.15) and FC6(kernel 2.6.18).</li> </ol>
FreeBSD	3.24	FreeBSD 3.2, 4.0, 4.11, 4.2, 4.5~4.9, 5.0~5.3, 5.2~5.3 AMD64	\FREEBSD\ 	<ol style="list-style-type: none"> <li>1. No version change in this software package.</li> </ol>
Unixware	2.17	SCO Unixware 7.1, OpenUnix 8	\UNIXWARE\ 	<ol style="list-style-type: none"> <li>1. No version change in this software package.</li> </ol>
SCO5	4.19	SCO Open Server 5.0.4	\SCO5\ 	<ol style="list-style-type: none"> <li>1. No version change in this software package.</li> </ol>
Solaris	1.09	Solaris 8, 9, 10	\SOLARIS\ 	<ol style="list-style-type: none"> <li>1. No version change in this software package.</li> </ol>
DIAG	3.39	DOS	Root directory	<ol style="list-style-type: none"> <li>1. No version change in this software package.</li> </ol>
Winsetup	3.21	Win95, Win95OSR2, Win98, Win98SE, NT3.51, NT4.0, Windows ME, Windows 2000, Windows XP, Windows Server 2003 Windows XP, Windows Server 2003 X64 Edition	\Windows\X86\ \Windows\X64\ 	<ol style="list-style-type: none"> <li>1. Add -c parameter to disable adaptive interrupt capability.</li> <li>2. Add Vista driver (pre-/un-)installation functions.</li> </ol>
SetupVia	3.23	Windows Vista	\Vista\X86\ 	<ol style="list-style-type: none"> <li>1. Porting from Winsetup v3.21.</li> </ol>

		X86/X64 Edition	\Vista\X64\	2. Fix the bugs of ActionSilient. 3. Add support for Vista x64.
--	--	-----------------	-------------	--------------------------------------------------------------------

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

Name	Ver.	Support OS	Location	Note
Flash	3.14	DOS	\FLASH\	1. No version change in this software package.
RPL-DOS	4.38	Remote boot DOS	\RPL\, \RIS\	1. Fixed a bug in the function of reading eeprom shadow.
RPL-W95	4.38/ 3.58	Remote boot Windows 95 Golden	\RPLW95\	1. RPL 4.38. and Miniport 3.66.
PXE	2.43		\PXE\, \RIS\	1. No version change in this software package.
PXERPL	2.42		\PXERPL\	1. No version change in this software package.

### 3.3. Drivers/Utilities for manufacture, not to release to users

Name	Ver.	Support OS	Location	Note
Ether-debug tool for Windows CE	1.03	Microsoft Windows CE 4.2/5.0/6.0	\ETHERTOOL\	1. Add support for WinCE 6.0.
EEPROM	3.23	DOS	\EEPROM\	1. No version change in this software package.

### 3.4. MISC

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