

VT6107 and VT8231/VT8233/VT8235/VT8237/VT8251 Integrated LAN Software Package (VIA version) Version: 4.4

1. Major changes in this software packages

1.1. Add WinCE 4.2 MSI install.

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 (v3.58) for x86/x64 in this software package is 1102144.

3. Detailed change note list

3.1. Drivers

Name	Ver.	Support OS	Location	Note
NDIS3/4/5 for X86	3.58	Win95, Win95OSR2, Win98, Win98SE, NT3.51, NT4.0, Windows ME, Windows 2000, Windows XP, Windows Server 2003	Root directory	<ol style="list-style-type: none"> Add new SSID/SVID. Add MSI install for WinCE 4.2. Extend the maximum number of TD/RD, limitation is modified from 128 to 256.
NDIS5 for X64		Windows XP, Windows Server 2003 X64 Edition		
NDIS5 for Embedded	3.58	Windows XP Embedded SP1	\XPe\	
		Windows CE 4.0/4.2	\CE4\	
		Windows CE 5.0	\CE5\	
NDIS3F	3.17	Windows For Workgroup 3.11	\WFW311\	<ol style="list-style-type: none"> No version change in this software package.
NDIS2	4.37	LAN Server DOS Workstations, LANTASTIC, PCNFS, DOS (MS client 3.0)	\LANSVR40.D OS\ \LANTASTI\ \MSLANMAN.D OS\ \PCNFS\	<ol style="list-style-type: none"> Synchronizing to NDIS2 for OS2 v4.37.
Packet	4.32	DOS (NCSA Telnet client, PCTCP)	\PKTDRVR\	<ol style="list-style-type: none"> Fixed the bug on setting multicast address. Servicing TX/RX event would depend on the owner bit of

				TD/RD rather than filter active bits of ISR.
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\	1. No version change in this software package.
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\	1. No version change in this software package.
DOS ODI	4.29	DOS (Netware client for DOS)	\NETWARE\D OSODI\	1. No version change in this software package.
MAC OS	1.09	MAC OS X	\MACOSX\	1. Fix a bug for setting flow control abilities of VT3065. 2. Fix a bug at adapter_name_table[]. 3. Modify procedure for setting flow control. 4. Set default value of flow control to disable. 5. Turn off ability to validate packet length. 6. Modify process of servicing RX and remove ISR bit comparison mechanism.
Linux	5.05	Linux x86 Kernel 2.2.x ~ 2.6.11 Linux AMD64 Kernel 2.4.x ~ 2.6.11	\LINUX\	1. Modify function name "enable_flow_control_ability" to "rhine_enable_flow_control_ability" to avoid name conflict with Velocity driver. 2. Fixed bug of function "rhine_receive_frame".
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\	1. No version change in this software package.
Unixware	2.17	SCO Unixware 7.1, OpenUnix 8	\UNIXWARE\	1. No version change in this software package.
SCO5	4.19	SCO Open Server 5.0.4	\SCO5\	1. No version change in this software package.
Solaris	1.09	Solaris 8, 9, 10	\SOLARIS\	1. No version change in this software package.
DIAG	3.39	DOS	Root directory	1. No version change in this software package.
Winsetup	3.18	Win95, Win95OSR2, Win98, Win98SE, NT3.51, NT4.0, Windows ME, Windows 2000, Windows XP, Windows Server 2003	Root directory, \WINSETUP\	1. No version change in this software package.

3.2. Application utilities for users

Name	Ver.	Support OS	Location	Note
NICSET	2.18	Win95, Win95OSR2, Win98, Win98SE,	\NICSET\	1. Use miniport (3.58) and NICSET (2.12).

		NT4.0, Windows ME, Windows 2000, Windows XP, Windows Server 2003		
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3.3. 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	4.37	Remote boot DOS	\RPL\, \RIS\	1. Servicing TX/RX event would depend on the owner bit of TD/RD rather than filter active bits of Interrupt Service Register.
RPL-W95	4.37/ 3.58	Remote boot Windows 95 Golden	\RPLW95\	1. RPL 4.37. and Miniport 3.58.
PXE	2.43		\PXE\, \RIS\	1. Support press 'm' key entering PXE bootstrap menu. 2. Modify procedure for processing interrupt to improve performance. 3. Correct the process of TX service routine. 4. Move document 'RIS-note' to \RIS.
PXERPL	2.42		\PXERPL\	1. RPL 4.37 and PXE 2.43.

3.4. Drivers/Utilities for manufacture, not to release to users

Name	Ver.	Support OS	Location	Note
Ether-debug tool for Windows CE	1.02	Microsoft Windows CE 4.2/5.0	\ETHERTOOL\	1. No version change in this software package.
EEPROM	3.23	DOS	\EEPROM\	1. No version change in this software package.

3.5. 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.

3.6. Application documents

Document	Ver.	Location	Note
NICSET User Guide	1.20	\NICSET\	1. No version change in this software package.