

## VT8231/VT8233/VT8235/VT8237 Integrated LAN Software Package (VIA version) Version: 3.4

### Major changes in this driver packages

1. Add supporting to Windows Server 2003.
2. Add supporting to Solaris 8 and 9.
3. Netware 6.5 logo'd.

### Notice

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.

### Detailed change note list

#### Drivers

Name	Ver.	Supporting OSes	Note
NDIS3 NDIS4 NDIS5	3.22	Win95, Win95OSR2, Win98, Win98SE, NT3.51, NT4.0, WinME, Win2000, WinXP, Windows Server 2003	<ol style="list-style-type: none"> <li>1. Update new SVID/SSID.</li> <li>2. Add a new custom OID OID_CUSTOM_MAXIMUM_SPEED.</li> <li>3. Modify info.c for Microsoft ndistest 2c_OidsNdisRequest &amp; 1c_PrivateDevIoCtl.</li> <li>4. Two new OID added, OID_CUSTOM_VID_LIST_SIZE and OID_CUSTOM_LOOPBACK.</li> <li>5. Scatter-gather DMA function default disabled in Windows 2000 driver.</li> <li>6. Add new custom OIDs OID_CUSTOM_PCIBUSCAPABILITY , OID_CUSTOM_RX_FLOWCTRL, OID_CUSTOM_TX_FLOWCTRL</li> <li>7. Modify info.c for Microsoft ndistest 2c_OidsNdisRequest &amp; 1c_PrivateDevIoCtl &amp; 1c_PrivateOids.</li> <li>8. Modify product names of VT3065/VT3106J/VT3106S in inf file.</li> </ol>
NDIS3F	3.10	Windows For Workgroup 3.11	

NDIS2	4.22	LAN Server DOS Workstations, LANTASTIC, PCNFS, MS DOS 6.22 (MS client 3.0)	<ol style="list-style-type: none"> <li>1. Fixed the bug of ReadMII and WriteMII.</li> <li>2. Modified product name of VT6105/VT6105M.</li> <li>3. Fixed the bug of vCheckPHYVendor.</li> </ol>
Packet	4.18	MS DOS 6.22 (NCSA Telnet client, PCTCP)	<ol style="list-style-type: none"> <li>1. Fixed the bug of ReadMII and WriteMII</li> <li>2. Modified product name of VT6105/VT6105M.</li> </ol>
Server ODI (ASM version)	4.17	Netware Server 3.11, 3.12, 4.11, 4.12	
Server ODI (C version)	5.21	Client 32 for DOS, Netware Server 5.0, 5.1, 6.0, 6.5	
DOS ODI	4.19	MS DOS 6.22 (Netware client for DOS)	<ol style="list-style-type: none"> <li>1. Move RX buffer to code segment. Because allocating Rx buffer to different segment; it should make system unstable.</li> <li>2. Reduce the number of RD. RD:14-&gt;12.</li> </ol>
Linux	4.25	Linux Kernel 2.2.x ~ 2.4.21	<ol style="list-style-type: none"> <li>1. Fixed VLAN mode 1 problem.</li> <li>2. Fixed forced mode setting bug happened in fiber mode.</li> </ol>
FreeBSD	3.14	FreeBSD 3.2, 4.0, 4.11, 4.2, 4.5,4.6,4.7, 5.0	
Unixware	2.08	SCO Unixware 7.1	
SCO5	4.12	SCO Open Server 5.0.4	
Solaris	1.03	Solaris 8, 9	<ol style="list-style-type: none"> <li>1. First release driver for Solaris 8 and 9.</li> </ol>
DIAG	3.21	MS DOS 6.22	<ol style="list-style-type: none"> <li>1. Extend -k parameter: Show MAC address, SVID, SSID, PHY ID in EEPROM.</li> <li>2. Add MAC/MII read/write function in command-line options.</li> <li>3. Enhance network test function.</li> </ol>
Winsetup	2.20	Win95, Win95OSR2, Win98, Win98SE, NT3.51, NT4.0, WinME, Win2000, WinXP, Windows Server 2003	<ol style="list-style-type: none"> <li>1. Fix bug in win98 that windows will to inquire driver path during installation.</li> <li>2. Reverse the switch of parameter "-p" on 9X and NT5.</li> <li>3. Support long path for paramter "-d" on 9X.</li> </ol>

			<ol style="list-style-type: none"> <li>4. Fix bug in searching inf file on NT5.</li> <li>5. Update ntsim.sys(1.07).</li> <li>6. Change company naming.</li> </ol>
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#### Application utilities for users

Name	Ver.	Supported OSes	Note
NICSET	1.25	Win95, Win95OSR2, Win98, Win98SE, NT4.0, WinME, Win2000, WinXP, Windows Server 2003	<ol style="list-style-type: none"> <li>1. Update winsetup and NDISM component version.</li> </ol>

#### Drivers/Utilities for Boot ROM users

Name	Ver.	Supported OSes	Note
Flash	3.07	MS DOS 6.22	
RPL-DOS	4.21		<ol style="list-style-type: none"> <li>1. Supporting enhanced bootstrap menu in PXERPL.</li> </ol>
RPL-W95	4.21/ 3.22		
PXE	2.25		<ol style="list-style-type: none"> <li>1. Turn off the PROM bit.</li> <li>2. Enhancing bootstrap menu.</li> </ol>
PXERPL	2.19		<ol style="list-style-type: none"> <li>1. PXE 2.25 and RPL 4.21</li> <li>2. Enhancing bootstrap menu.</li> </ol>

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

Driver	Ver.	Supported OSes	Note
EEPROM	3.14	MS DOS 6.22	<ol style="list-style-type: none"> <li>1. Add new command-line options: <ul style="list-style-type: none"> <li>-km# mac-id: write mac-id to #th NIC's EEPROM MAC address field.</li> <li>-kv# svid: write svid to #th NIC's EEPROM subsys-vendor ID field.</li> <li>-ks# ssid: write ssid to #th NIC's EEPROM subsys-system ID field.</li> </ul> </li> </ol>