

# VT6107 and VT8231/VT8233/VT8235/VT8237/VT8251 Integrated LAN Driver Package (VIA version) Version: 5.0

## 1. Major changes in this driver packages

### 1.1. Change directory structure.

## 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 (v3.71) for x86/x64 in this software package is 1256778.

## 3. Detailed change note list

### 3.1. Drivers

Name	Ver.	Support OS	Location	Note
NDIS5 for Windows X86	3.71	Windows 98SE, Windows ME, Windows 2000, Windows XP, Windows Server 2003, Windows Vista X86 Edition	\Windows\X86\	1. Add new SSID/SVIDs. 2. Fix MiniportShutdown call NdisXxx bug found by Microsoft. 3. Fix transmit packets mis-order issue. 4. Make Connection Type an independent ndi section of INF. 5. Patch Magic Packet cannot wake-up after normal shutdown on some motherboard.
NDIS5 for Windows X64		Windows XP, Windows Server 2003, Windows Vista X64 Edition	\Windows\X64\	
NDIS5 for Embedded	3.71	Windows XP Embedded SP1	\XPe\	1. Fix MiniportShutdown call NdisXxx bug found by Microsoft.
	3.68	Windows CE 4.0/4.2	\CE4\	
		Windows CE 5.0	\CE5\	
		Windows CE 6.0	\CE6\	
NDIS2	4.38	LAN Server DOS Workstations, LANTASTIC, PCNFS, DOS (MS client 3.0)	\LANSVR40.D OS\ \LANTASTI\ \MSLANMAN.D OS\ \PCNFS\	1. Stop MAC at initialization stage to prevent previous driver didn't release control (bad PXE application's behavior) before initializing MAC.
Packet	4.33	DOS (NCSA Telnet client, PCTCP)	\PKTDRVR\	1. No version change in this software package.
Server ODI (ASM version)	5.02	Netware Server 3.11, 3.12, 4.11, 4.12	\NETWARE\SR VRODI.311\ \NETWARE\SR VRODI.312\,	1. No version change in this software package.

			\\NETWARE\\SR\\VRODI.4\\	
Server ODI (C version)	6.09	Client 32 for DOS, Netware Server 5.0, 5.1, 6.0, 6.5	\\NETWARE\\CLIENT32\\, \\NETWARE\\SR\\VRODI.56\\	1. No version change in this software package.
DOS ODI	4.31	DOS (Netware client for DOS)	\\NETWARE\\DOSODI\\	1. Fixed the bug of Tx FIFO under flow (UDP) threshold setting.
MAC OS	1.11	MAC OS X (10.2.X, 10.3.X, 10.4.X)	\\MACOSX\\	1. Add MAC OS 10.3.X & 10.4.X support. 2. Fix the issue that Fiber NIC down/up cannot connect when connection type is AUTO.
Linux	5.08	Linux x86 Kernel 2.2.x ~ 2.6.18 Linux AMD64 Kernel 2.4.x ~ 2.6.18	\\LINUX\\	1. No version change in this software package.
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.
Solaris	1.09	Solaris 8, 9, 10	\\SOLARIS\\	1. No version change in this software package.
Winsetup	3.28	Windows 98SE, Windows ME, Windows 2000, Windows XP, Windows Server 2003, Windows Vista X86 Edition Windows XP, Windows Server 2003, Windows Vista X64 Edition	\\Windows\\X86\\, \\Windows\\X64\\	1. Separate the program for x64 platform to WinSetup64/WinUnst64. 2. Add the requireAdministrator privilege. 3. Fix the bug in registry write function on Vista X64. 4. Modify the install/preinstall process. 5. Fix the wrong error message. 6. Modify the install process to preinstall when no NICs on board and won't report error. 7. Fix command line bug when using "-" in the execution path.

### 3.2. Boot ROM

Name	Ver.	Support OS	Location	Note
RPL-DOS	4.38	Remote boot DOS	\\RPL\\, \\RIS\\	1. No version change in this software package.
RPL-W95	4.38/ 3.58	Remote boot Windows 95 Golden	\\RPLW95\\	1. No version change in this software package.
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. 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.