VT6120/VT6122 Software Package
(VNT version): 2.4

1. Major changes in this software packages

1.1. Linux driver supports up to kernel 2.6.12.

2. Notice

2.1. All the drivers included in this software 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 (v1.44) for x86/x64 in this software package is 995097.

3. Detailed change note list

3.1. Drivers

Name	Ver.	Supporting OSes	Location	Note
NDIS 3/4/5 for x86	1.44	Win95, Win95OSR2, Win98, Win98SE, NT3.51, NT4.0, WinME, Win2000, WinXP, Windows Server 2003	Root directory	1. Make Win2000/XP wake up type selectable. 2. Increase Rx Buffer default value form 128 to 160. 3. Mask Memory base with 0xFFFFFFF0 to fit PCI spec. 4. Modify X64 and X86 txt filename for winsetup. 5. Fix SetPacketFilter bug.
NDIS5 for AMD64	1.44	Windows XP, Windows Server 2003 for AMD64	Root directory	
NDIS5 for XP embedded	1.44	Windows XP embedded SP1	\XPe\	
NDIS5 for Windows CE 4.0/4.2	1.44	Windows CE 4.0/4.2	\CE4\	
NDIS5 for Windows CE 5.0	1.44	Windows CE 5.0	\CE5\	
NDIS3F	1.34	Windows For Workgroup 3.11	\WFW311\	1. No version change in this software package.

NDIS2	1.07	LAN Server DOS Workstations, LANTASTIC, PCNFS, MS DOS 6.22 (MS client 3.0)	\LANSVR40.DOS\, \LANTASTI\, \MSLANMAN.DOS\, \PCNFS\	1. No version change in this software package.
Packet	1.10	MS DOS 6.22 (NCSA Telnet client, PCTCP)	\PKTDRVR\	1. No version change in this software package.
Server ODI (ASM version)	2.01	Netware Server 3.11, 3.12, 4.11, 4.12	\NETWARE\SRVRODI.311\, \NETWARE\SRVRODI.312\, \NETWARE\SRVRODI.4\	1. No version change in this software package.
Server ODI (C version)	2.05	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	1.10	MS DOS 6.22 (Netware client for DOS)	\NETWARE\DOSODI\	1. No version change in this software package.
MAC OS	1.03	MAC OS X 10.1.x ~ 10.2.x	\MACOSX\	1. No version change in this software package.
Linux	1.22	Linux x86 Kernel 2.2.x ~ 2.6.12 Linux AMD64 Kernel 2.4.x ~ 2.6.12	\LINUX\	1. Fix TCP checksum offload bug. 2. Fix register_netdev issue. 3. Support to kernel 2.6.12.
FreeBSD	1.14	FreeBSD 3.2, 4.0, 4.11, 4.2, 4.5 ~ 4.7, 5.0 ~ 5.3	\FREEBSD\	1. No version change in this software package.
Unixware	1.12	SCO Unixware 7.1	\UNIXWARE\	1. No version change in this software package.
SCO5	1.11	SCO Open Server 5.0.4, 5.0.6	\SCO5\	1. No version change in this software package.
Solaris	1.10	Solaris 8, 9	\SOLARIS\	1. No version change in this software package.
DIAG	1.33	MS DOS 6.22	Root directory	1. Add two new options in two card test - random data[rd] and heavy load[hl]. 2. Show packets lost message and packet filling status in two card test monitor.
Winsetup	3.16	Win95, Win95OSR2, Win98, Win98SE,	Root Directory, \WINSETUP\	1. Fix NT4 WinUinst.exe "Can not find any inf files" failure. 2. Add a "pre-installation is completed" message to differentiate install and software-first pre-install cases. 3. Fix Win2K/XP/x64 Winsetup -a multiple drivers pre-install problem. 4. Fix Win95 WinUinst un-installation registries not removed problem.

| | | NT3.51, NT4.0, WinME, Win2000, WinXP, Windows Server 2003, WinXP 64bit Edition, Server 2003 64bit Edition | | 5. Fix Winsetup "There are more than two Valid INF files! Program exit! " problem when x86 and x64 drivers put in the same directory.
6. Fix WinNT4 progress bar display problem & -p help mistake.
7. Fix Win9x/NT4 -w fail problem.
8. Fix x64-XP -k fail problem.
9. Fix ntsim2.sys/ntsim2a.sys not removed problem.
10. Fix Win95 update .sys file not copied to system problem.
11. Fix -d parameter path name can not contain "-" problem.
12. Modify -r function to remove only the driver specified in the inf file, not all VIA/VNT network drivers. |

3.2. Application utilities

Name	Ver.	Supported OSes	Location	Note
GigaCheck	2.18	Win95, Win95OSR2, Win98, Win98SE, NT4.0, WinME, Win2000, WinXP, Windows Server 2003	\GigaCheck\	1. miniport driver (1.44). 2. Add getnd2.dos (1.07). 3. Roll back pack tool PFTW to 2.04. 4. Correct incorrect led light of duplex mode. 5. Fix bug of error link check.
DMI-GE	1.20	Win95, Win95OSR2, Win98, Win98SE, NT4.0, WinME, Win2000, WinXP, Windows Server 2003	\DMI-GE\	1. miniport driver (1.44). 2. Add getnd2.dos (1.07). 3. Roll back pack tool PFTW to 2.04. 4. Correct version info in about dialog.
VSNMP-GE	1.21	Win98, Win98SE, NT4.0, WinME, Win2000, WinXP, Windows Server 2003	\VSNMP-GE\	1. miniport driver (1.44). 2. Add getnd2.dos (1.07). 3. Roll back pack tool PFTW to 2.04.

3.3. Drivers/Utilities for Boot ROM users

Name	Ver.	Supported OSes	Location	Note
Flash	1.08	MS DOS 6.22	\FLASH\	1. No version change in this software package.
RPL-DOS	1.17		\RPL\	1. No version change in this software package.
PXE	1.18		\PXE\	1. TFTP download of bootfile from DHCP bootfile option(tag 67) would not work unless the option was NULL terminated or followed by a DHCP pad option(tag 0). The original design bug is corrected in this version. 2. Fixed the bug on requesting DHCP server. The PXE continue sending

				request packet even if the ack packet had arrived.
PXERPL	1.16		\PXERPL\	1.　PXE 1.18 and RPL 1.17.

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

Name	Ver.	Supported OSes	Location	Note
Ether-debug tool for Windows CE	1.01	Microsoft Windows CE 4.2 & 5.0	\ETHERTOOL\	1.　No version change in this software package.
EEPROM	1.12	MS DOS 6.22	\EEPROM\	1.　No version change in this software package.

3.5. MISC

Name	Ver.	Support OSes	Location	Note
UNATTEND	1.02	Windows 9x, NT 4.0, 2000, XP	\UNATTEND\	1.　No version change in this software package.

3.6. Application documents

Document	Ver.	Location	Note
GigaCheck User Guide	1.60	\GigaCheck\	1.　No version change in this software package.
DMI-GE User Guide	1.40	\DMI-GE\	1.　No version change in this software package.
VSNMP-GE User Guide	1.50	\VSNMP-GE\	1.　No version change in this software package