

Intel® PRO/10/100/1000/10000 Software Release 1
With Intel(R) PROSet for Windows* Device Manager
Gold+CAT Release
Build V10C0505, TIC 104527
Nyssa

Incremental Changes Document
From Intel® PRO/10/100/1000/10000 Software Release 1
Build V10C0487, TIC 104240

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04/14/05

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	Nyssa 1 OEM Generic DX	Nyssa 1 OEM Generic DX
	V10C0487	V10C0505
	TIC: 104240	TIC: 104527
Identical Components		
ANS Install Intel		ANS INSTALL 6.0.0.1
ANS MsgDLL		8.01.05.0000e
ANS Netware All		8.15
ANS NT4 All		8.01.05.0000d
ANS UnixWare All		3.08a
ANS W2K ALL		8.01.05.0000e
ANS W32E ALL		8.01.05.0000e
ANS WIN64 ALL		8.01.05.0000e
ANS WINXP ALL		8.01.05.0000e
ASF Agent Alerting SDK		Bay City 2.0 Build 04
ASF Agent Co-Installer DLL		Rocky Knoll 1.0 Alpha Build 03b
ASF Agent Setup		Bay City 5.0 Build 01
ASF Domain Admin - HW Detection		Rocky Knoll 1.0 RC Build 02
ASF Domain Admin - Install		Rocky Knoll 1.0 RC Build 08
ASF Windows Tools		Nyssa 1.0 RC Build 01
ASF Agent Linux		4.0.2-05L
BootROM EFI Gigabit All		3.0.05
BootROM IntelBootAgent All		v1.1.18.4
BootROM PXE Serverdemo 3rdparty		3.0b
CHSM 8254x All		7.84
CHSM 8255x All		8.12b
DMI Win32 Intel		3.00.19.0006
DMI-SNMP DMI-SP		V3.00.07
DNW SERIAL PORT INF		3.9
DOSODI 8255x All		4.13
DOSODI Gigabit Intel		3.12
IE INDEX NAVIGATION ENG		9.2.0.0
IE NYSSA 10GbE FREEBSD HTML		10.0.0.4
IE NYSSA 10GbE FREEBSD TEXT		10.0.0.3
IE NYSSA 10GbE QUICK-INSTALL LOCALIZED		10.0.0.4
IE NYSSA 10GbE SERVER		10.0.1.1
IE NYSSA ASF DEPLOYING		10.0.0.0
IE NYSSA ASF IT GUIDE LOCALIZED		10.0.0.6
IE NYSSA ASF OVERVIEW		10.0.0.0
IE NYSSA BOOT AGENT		10.0.0.5
IE NYSSA DIAGNOSTICS TOOLS		10.0.0.5
IE NYSSA DMIX HELP CAB		10.0.1.1
IE NYSSA DOS		10.0.0.4
IE NYSSA FREEBSD HTM		10.0.0.7
IE NYSSA FREEBSD TEXT		10.0.0.6
IE NYSSA LINUX HTML		10.0.1.4
IE NYSSA LINUX TEXT		10.0.1.2
IE NYSSA NETWARE		10.0.0.6
IE NYSSA OPEN-UNIX		10.0.0.5
IE NYSSA OS2		10.0.0.4

IE NYSSA PRO100 DESKTOP	10.0.1.5
IE NYSSA PRO100 SERVER	10.0.1.6
IE NYSSA PRO1000 DESKTOP	10.0.1.8
IE NYSSA PRO1000 SERVER	10.0.2.1
IE NYSSA QUICK-INSTALL	10.0.0.7
IE NYSSA ROOT FILES	10.0.1.2
IE NYSSA SCO5	10.0.0.5
IE NYSSA WIN XP	10.0.0.7
IE NYSSA WIN2K	10.0.0.8
IE NYSSA WIN95	10.0.0.4
IE NYSSA WIN98-ME	10.0.0.4
IE NYSSA WIN-NT4	10.0.0.7
IE NYSSA WIN-S03	10.0.1.0
IE NYSSA WIN-WS03-32E	10.0.0.4
IE NYSSA WMI	10.0.0.5
IE Robohelp DLL	1.1
IE SSL PRIORITY PACKET 2 ENG	9.0.0.0
IE SSL PROSET2 LOCAL	1.0.29.0
Inf PRO NT4 Intel	7.0.2.RockyKnollWired
Inf PRO100 Intel	8.0.19.0b
INF Pro10Gb Intel	2.1.7.1
INTEL SNMP MIB	1.4.4.2
MAKEDISK NYSSA INTEL	7.04
MI PROSetupNT4	6.5.04.00Localized
NATIVE SNMP NW	LANAgent1.19
NATIVE SNMP32 MSI	1.45.0.1
NATIVE SNMP32e MSI	1.5.1
NATIVE SNMP64 MSI	1.36.0.1
NDIS 8254x MsgDLL	8.5.14.0
NDIS 8255x MsgDLL	8.0.18.0
NDIS CoInstaller ExpressTeaming All	2.2.1.0c
NDIS Coinstaller W2k All	8.2.9.0
NDIS CoInstaller W9x Intel	6.0.0
NDIS ixgb MsgDLL	2.1.4.0c
NDIS Uninstaller Intel All	8.0.8.0b
NDIS Uninstaller Intel W9x	8.0.1.0
NDIS2 8255x All	4.57
NDIS2 Gigabit All	4.17
NDIS4 8255x All	8.0.19.0
NDIS4 PRO1000	8.5.1.0
NDIS5 8255x All	8.0.19.0
NDIS5 LakeTexana2 All	2.1.7.0
NDIS5 NONWHQL README	1.1.0.0
NDIS51 8255x All	8.0.19.0
NDIS51 INITTIME README	7.3.1.0
NDIS51 LakeTexana2 All	2.1.7.0
NDIS5x PRO1000	8.5.14.0
NDIS5x PRO1000 INF	8.5.14.0a
NDIS5x PRO1000 PCIe	9.0.15.0a
NDIS5x PRO1000 PCIe INF	9.0.15.0
NMS INCLUSION LIST INTEL	Version 9.0
NMS WIN32 Intel	2.5.5.2
Nyssa Autorun	10.0.0.8

Nyssa_Autorun_INI		1.0.0.0
Nyssa_DMIX_CAB		10.0.26.0
Nyssa_DMIX_RES_CAB		10.0.9.0
Nyssa_SetupBaseDriver_Install		8.0.11.0
Nyssa_Tools-CELO_Intel_All		1.3.44.3
Nyssa_Tools-Diags_Intel		1.4.39.6
Nyssa_Tools-Eeupdate_Intel		5.1.1.5
Nyssa_Tools-IntelId		1.4.17.2
Nyssa_Unattended_Install		10.0.0.2
Pre-Release_License		1.3
PriorityPacket2_Intel		V2.29
PROSetII-Intel		5.5.29.0
PROSetII-Reg_All		6.36
PRTPKT3_MSI_DMIX_RK2		3.1.2.0
RK3_NcsInst_PROSet_SetupExe		9.2.01.00
RK3_NmsInst_Win9x_PROSet_MSI		9.2.01.00
Setup_MSI_Redistributable		1.0.0.0
Setup_NMS_IS_Intel		6.5.02.00Localized
Setup_PriorityPacket2_IS_Intel		PC64-00
Tekoa_ASF_Agent_Install - Generic		Nyssa 1.0 RC Build 06
TEKOA_SW_Compression_Tool		1.0.2.7
TEKOA_SW_Image_Creator		1.0.1.0
TEKOA_SW_KCS_Driver		1.1.20.0
TEKOA_SW_Packaging_Tool		1.0.2.0a
Tools-AsfGuiUtil_Intel_All		Nyssa 1.0 Beta Build 01
Tools-IBAUtil_Intel		3.4.14.2
Tools-IntelBootAgent_Readmes_All_Intel		March 30, 2005
Tools-Quartzville_License_Agreement		2.0.0.1
Unix_SCO5_8254x_RK_Intel		1.5.2
Unix-FreeBSD_8254x_BayCity_Intel		2.1.7
UNIX-SCO5_8255x_Intel		2.0.0
Unix-SCO5-8254x_05SW		2.0.9
Unix-UW7-8254x_05SW		8.0.11
UNIX-UW7DDI8_8255x_Intel		3.0.2
WBEM_NIC_2_INTEL		2.00.26.00
WBEM_QoS_Intel		1.00.20.10b
Win32e_NDIS5_8255x_ALL		8.0.19.0
Win64_NDIS5_8255x_All		8.0.19.0
Win95_8255x_All		6.1.3f
WOL558-VXD		v1.05a
Updated Components		
CAT-Files_Nyssa	1.0	1.5
New Components		
Linux_IDER_Driver		0.1.5
NYSSA1_RIS_INF_32E		1.0.0.0
SNMP_Linux_Intel		1.8.8f
TEKOA_SW_KCS_Driver_Linux		1.0.9
UNIX_Linux_NWOPHIR_8254x_Intel		6.0.54
Unix-FreeBSD_Lake_Texana_8259x_Intel		1.0.17.1
UNIX-Linux_8255x_Intel		3.4.8
Unix-Linux_Lake_Texana_8259x_Intel		1.0.95

Removed Components		
LAD Tools Releasable License		1.0

Nyssa 1 OEM Generic DX Change Log

Newest Build: TIC = 104527 V10C0505

Previous Build: TIC = 104240 V10C0487

Component: CAT-Files_Nyssa
Current Version: 1.5
Previous Version: 1.0

Changes Made:

- Addition of final valid cat files.
- Added PCIe 1Gbe cat files and AMT cat files to the component.

Component: Linux_IDER_Driver
Current Version: 0.1.5
Previous Version: 0.1.5

Changes Made:

- Removed device ID for Ophir & Tekoa FPGA

Component: NYSSA1_RIS_INF_32E
Current Version: 1.0.0.0
Previous Version: 1.0.0.0

-SCR 43668: Nyssa 1 DCN 123: Create x64-bit RIS inf

Root Cause: The EM64T RIS INFs require NTamd64 decorations on the NDI sections. Initial testing did not expose this requirement because the in box driver provided by the OS was being used with out our knowledge.

Resolution Notes: efe5b32e.inf, e1e5132e.inf and e1g5132e.inf have all been updated to include NTamd64 decorations to their NDI sections. RIS readme has been corrected to correctly state that the RIS infs must go in the amd64 and ia64 folders not the i386 folder.

Component: SNMP_Linux_Intel
Current Version: 1.8.8f
Previous Version: 1.8.8f

Changes Made:

- All non-binary files were in DOS mode. Converted to Unix mode.

Component: TEKOA_SW_KCS_Driver_Linux
Current Version: 1.0.9
Previous Version: 1.0.9

-SCR 45049: Linux KCS: Kernel panic when an H/I ISVS command is interrupted

Resolution Notes: SCR 45049: Missing test for NULL pointer in transaction_end

Component: UNIX_Linux_NWOphir_8254x_Intel
Current Version: 6.0.54
Previous Version: 6.0.54

- SCR 45445: e1000: driver install contains Northway references
Root Cause: Neglected to remove some Northway device ids
Resolution Notes: Removed Northway and Ophir IDs from pci.updates file. Also fixed up e1000_main.c with no Ophir ids
- SCR 45428: Nyssa1: e1000: 6.0.52: kernel panic with bridging
Root Cause: Driver was deferring the skb of the last transmitted packet for so long, when removing the driver module, it crashes.
Resolution Notes: The deferred skb is cleaned within 3 seconds - worst case which solves the issue.

Component:	Unix-FreeBSD_Lake_Texana_8259x_Intel
Current Version:	1.0.17.1
Previous Version:	1.0.17.1

- SCR 45441: FreeBSD IXGB: Readme refers to Northway & Ophir

Component:	UNIX-Linux_8255x_Intel
Current Version:	3.4.8
Previous Version:	3.4.8

- SCR 44770: Trademarking needs to be fixed
Additional Notes: Integrating new IE component to fix this SCR. There are no changes to the driver other than the version number bump.

Component:	Unix-Linux_Lake_Texana_8259x_Intel
Current Version:	1.0.95
Previous Version:	1.0.95

- SCR 45105: ixgb: driver misidentifies phy on pSeries, skipping workarounds
Root Cause: Routines were not correctly byte-swapping with cpu_to_le16 or the reverse when on pSeries IBM machines.
Resolution Notes: Fix was to correctly byte swap all return values from ixgb_get_ee_* accessor functions. The only functions used by the Linux driver are ixgb_get_ee_device_id, and ixgb_get_ee_part_number (which is then stored and never used)

SCR	Customer Bug #	Title	Fixed-In Component
43668		Nyssa 1 DCN 123: Create x64-bit RIS inf	NYSSA1_RIS_INF_32E
44770		Trademarking needs to be fixed	UNIX-Linux_8255x_Intel
45049		Linux KCS: Kernel panic when a H/I ISVS command is interrupted	TEKOA_SW_KCS_Driver_Linux
45105		ixgb: driver misidentifies phy on pSeries, skipping workarounds	Unix-Linux_Lake_Texana_8259x_Intel
45428		Nyssa1: e1000: 6.0.52: kernel panic with bridging	UNIX_Linux_NWOPhir_8254x_Intel
45441		FreeBSD IXGB: Readme refers to Northway & Ophir	Unix-FreeBSD_Lake_Texana_8259x_Intel
45445		e1000: driver install contains Northway references	UNIX_Linux_NWOPhir_8254x_Intel