devnp-e1000.so network driver#

This is the latest experimental version of the devnp-e1000.so driver.

Last Update	Driver	Platform	Checksum	
2013-04-12	devnp-e1000.so	x86	1798246687	
2013-04-12	devnp-e1000.so	armle	3478109928	
2013-04-12	devnp-e1000.so	armle-v7	2086254307	
2013-04-12	devnp-e1000.so	ppcbe	922288749	
2013-04-12	devnp-e1000.so	ppcbe-spe	2246982615	

'net' enumerator file#

Download the latest 'net' enumeration file, and replace your existing version, found under $QNX_TARGET/etc/system/enum/devices/ , here

Revision History#

2013-04-12:

- added support for Intel i217 and i218 Intel gigabit ethernet controllers.
- the 'net' enumeration file has been updated.

2012-10-19:

- support has been added for the Intel i210 and i211 line of gigabit Ethernet controllers.
- the 'net' enumeration file has been updated.

2012-02-23:

- Support has been added for the Intel i350 line of gigabit Ethernet controllers.
- A new command line option "int_mod" has been added to enable the interrupt moderation value to be changed.

Installation notes for x86 systems#

1. After you have downloaded this driver, run "cksum devnp-e1000.so" and compare it with the above checksum
2. Make a backup copy of /lib/dll/devnp-e1000.so as well as $QNX_TARGET/x86/lib/dll/devnp-e1000.so
3. Copy the new driver to /lib/dll as well as $QNX_TARGET/x86/lib/dll

Installation for other targets#

1. Run cksum against the driver as for x86 above
2. Make a backup copy of $QNX_TARGET/target/lib/dll/devnp-e1000.so
3. Copy this driver to $QNX_TARGET/target/lib/dll
4. Rebuild your boot image to include the new driver

Supported devices:

Device	PCI device ID	
DH89XXCC_SGMII	0x0438	

DH89XXCC_SERDES	0x043A	
DH89XXCC_BACKPLANE	0x043C	
DH89XXCC_SFP	0x0440	
82542	0x1000	
82543GC_FIBER	0x1001	
82543GC_COPPER	0x1004	
82544EI_COPPER	0x1008	
82544EI_FIBER	0x1009	
82544GC_COPPER	0x100C	
82544GC_LOM	0x100D	
82540EM	0x100E	
82545EM_COPPER	0x100F	
82546EB_COPPER	0x1010	
82545EM_FIBER	0x1011	
82546EB_FIBER	0x1012	
82541EI	0x1013	
82541ER_LOM	0x1014	
82540EM_LOM	0x1015	
82540EP_LOM	0x1016	
82540EP	0x1017	
82541EI_MOBILE	0x1018	
82547EI	0x1019	
82547EI_MOBILE	0x101A	
82546EB_QUAD_COPPER	0x101D	
82540EP_LP	0x101E	
82545GM_COPPER	0x1026	
82545GM_FIBER	0x1027	
82545GM_SERDES	0x1028	
ICH8_IGP_M_AMT	0x1049	
ICH8_IGP_AMT	0x104A	
ICH8_IGP_C	0x104B	
ICH8_IFE	0x104C	
ICH8_IGP_M	0x104D	
82571EB_COPPER	0x105E	
82571EB_FIBER	0x105F	
82571EB_SERDES	0x1060	
82547GI	0x1075	
82541GI	0x1076	
82541GI_MOBILE	0x1077	
82541ER	0x1078	
82546GB_COPPER	0x1079	
82546GB_FIBER	0x107A	
82546GB_SERDES	0x107B	
82541GI_LF	0x107C	
82572EI_COPPER	0x107D	
82572EI_FIBER	0x107E	
82572EI_SERDES	0x107F	
82546GB_PCIE	0x108A	
82573E	0x108B	
82573E_IAMT	0x108C	
80003ES2LAN_COPPER_DPT	0x1096	

80003ES2LAN_SERDES_DPT	0x1098	
82546GB_QUAD_COPPER	0x1099	
82573L	0x109A	
82571EB_QUAD_COPPER	0x10A4	
82571EB_QUAD_FIBER	0x10A5	
82575EB_COPPER	0x10a7	
82575EB_FIBER_SERDES	0x10a9	
82546GB_QUAD_COPPER_KSP3	0x10B5	
82572EI	0x10B9	
80003ES2LAN_COPPER_SPT	0x10BA	
80003ES2LAN_SERDES_SPT	0x10BB	
82571EB_QUAD_COPPER_LP	0x10BC	
ICH9_IGP_AMT	0x10BD	
ICH9_IGP_M	0x10BF	
ICH9_IFE	0x10c0	
ICH9_IFE_G	0x10c2	
ICH9_IFE_GT	0x10c3	
ICH8_IFE_GT	0x10C4	
ICH8_IFE_G	0x10C5	
82576	0x10C9	
82576_VF	0x10CA	
ICH9_IGP_M_V	0x10CB	
ICH10_R_BM_LM	0x10CC	
ICH10_R_BM_LF	0x10CD	
ICH10_R_BM_V	0x10CE	
82574L	0x10D3	
82571PT_QUAD_COPPER	0x10d5	
82575GB_QUAD_COPPER	0x10d6	
82571EB_SERDES_DUAL	0x10d9	
82571EB_SERDES_QUAD	0x10da	
ICH10_D_BM_LM	0x10DE	
ICH10_D_BM_LF	0x10DF	
ICH9_BM	0x10E5	
82576_FIBER	0x10E6	
82576_SERDES	0x10E7	
82576_QUAD_COPPER	0x10E8	
82577LM	0x10EA	
82577LC	0x10EB	
82578DM	0x10EF	
82578DC	0x10F0	
ICH9_IGP_M_AMT	0x10F5	
ICH8_82567V_3	0x1501	
ICH8_82579_LM	0x1502	
ICH8_82579_V	0x1503	
82583V	0x150c	
82580_COPPER	0x150E	
82580_FIBER	0x150F	
82580_SERDES	0x1510	
82580_SGMII	0x1511	
82580_COPPER_DUAL	0x1516	
82580_ER	0x151D	

82580_ER_DUAL	0x151E	
I350_VF	0x1520	
I350_COPPER	0x1521	
I350_FIBER	0x1522	
I350_SERDES	0x1523	
I350_SGMII	0x1524	
ICH10_D_BM_V	0x1525	
82576_QUAD_COPPER_ET2	0x1526	
82580_QUAD_FIBER	0x1527	
I350_DA4	0x1546	
ICH9_IGP_C	0x294c	
ICH10_HANKSVILLE	0xF0FE	
i210 NVMLESS	0x1531	
i210 Copper	0x1533	
i210 Copper OEM1	0x1534	
i210 Copper IT	0x1535	
i210 Fiber	0x1536	
i210 Serdes	0x1537	
i210 SGMII	0x1538	
i211 Copper	0x1539	
i217LM Copper	0x153A	
i217V Copper	0x153B	
i218LM Copper	0x1559	
i218V Copper	0x155A	