

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	