# 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

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Supported devices:

| Device | PCI device ID | |
|---|---|---|
| DH89XXCC_SGMII | 0x0438 | |

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|---|---|---|
| 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 | |

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|---|---|---|
| 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 | |

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|---|---|---|
| 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 | |