

# 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  | <a href="#">devnp-e1000.so</a> | x86       | 1798246687 |  |
| 2013-04-12  | <a href="#">devnp-e1000.so</a> | armle     | 3478109928 |  |
| 2013-04-12  | <a href="#">devnp-e1000.so</a> | armle-v7  | 2086254307 |  |
| 2013-04-12  | <a href="#">devnp-e1000.so</a> | ppcbe     | 922288749  |  |
| 2013-04-12  | <a href="#">devnp-e1000.so</a> | 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        |  |

|                        |        |  |
|------------------------|--------|--|
| 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 NVMLSS           | 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 |  |