x86 BIOS/APIC Board Support Package#

The purpose of this BSP is to provide source code for the most common x86 drivers necessary to boot QNX Neutrino on x86 boards that have a BIOS, for both legacy and APIC based systems.

Features#

Feature	Availability	Format
startup-bios	Completed	SRC
startup-apic	Completed	SRC
pci-bios	Completed	SRC
pci-bios-v2	Completed	SRC
Intel HD Audio	Completed	SRC
Serial	Completed	SRC
Ethernet	Completed	SRC

New! QNX Neutrino 6.6.0 BSP#

Date	Version	Prerequisites	User Guide	Release Notes	License(s)	Support	Provider	BSP
2016-11-03	6.6.0	QNX SDP 6.6.0	here	here	Apache II	QNX	QNX	here

Click **here** to download the VMware runtime ISO image, which can be used for initializing a boot device using native QNX tools.

QNX Neutrino 6.6.0 Change History#

November 3, 2016#

- replaced stand-alone libnetdrvr PSP with 'PATCHES' archive containing all necessary patches
- added latest net-core PSP to PATCHES archive for core networking components
- updated libnetdrvr PSP within PATCHES archive to match net-core PSP version

May 17, 2016#

- added support for Intel Skylake processors
- posted libnetdrvr patch (must be applied to BSP /prebuilt directory, prior to building BSP) for proper e1000 network driver operation

August 19, 2015#

- includes latest versions (with source code) of:
  - startup-apic
  - startup-bios
  - libstartup (x86)
  - devc-ser8250
  - deva-ctrl-intel_hda.so
  - deva-mixer-hda.so
  - pci-bios
  - pci-bios-v2
  - devnp-e1000.so

- build file updates support remote login (ftp, telnet, etc.)
- startup-apic / pci-bios-v2 are now used by default

October 17, 2014#

- additional updates for Intel HD audio support

June 26, 2014#

- various updates, added Intel HD Audio driver

February 28, 2014#

- Initial post

Releases#

Updated! QNX Neutrino 6.5.0 SP1 BSP#

Date	Version	Prerequisites	User Guide	Release Notes	License(s)	Support	Provider	BSP
2017-01-12	6.5.0 SP1	QNX Momentics 6.5.0 SP1	Here	here	Apache II	QNX	QNX	Here

QNX Neutrino 6.5.0 Change History#

January 12, 2017#

- incorporated latest PSPs for kernel/libc, networking, USB, and audio into the BSP

April 27, 2016#

- Now supports the ADI RCC: Atom C2000 (Rangeley Communications Collateral) Platform

January 20, 2015#

- Updated default address for IFS in DRAM, to avoid issues with de-compression of larger IFS images

November 26, 2015#

- includes latest versions (with source code) of:
  - startup-apic
  - startup-bios
  - libstartup (x86)
  - devc-ser8250
  - deva-ctrl-intel_hda.so
  - deva-mixer-hda.so
  - pci-bios
  - pci-bios-v2
  - devnp-e1000.so

- build file updates support remote login (ftp, telnet, etc.)
- startup-apic / pci-bios-v2 are now used by default

October 17, 2014#

- additional updates for Intel HD audio support

June 23, 3014#

- Added support for Intel HDMI audio codec

April 03, 2014#

- PCI server option (-T) added to enable work-around for Intel E6xx Errata B150 (Clearing PCIe Root Port's BME Bit With Pending Upstream Traffic Will Cause Internal Bus to Hang (ref. Intel document 324209-016))

March 17, 2014#

- PCI server fixes for properly displaying number of allocated MSI interrupts

October 30, 2013#

- includes latest updates to startup library, PCI/PCIe server code

November 26, 2012#

- Updated to 6.5.0 SP1, now contains e1000 network driver source

November 2011#

- original version

Search Keywords: 86, x86, bios, X86, BIOS