

# Kontron nanoETXexpress-SP Board Support Package#

This BSP supports the Kontron nanoETXexpress-SP Board.

## Releases#

### QNX Neutrino 6.4.0#

| Date          | Version | Prerequisites       | Installation Notes                  | Release Notes        | License(s)        | Support      | Provider | Download                          | Source Tag   |
|---------------|---------|---------------------|-------------------------------------|----------------------|-------------------|--------------|----------|-----------------------------------|--------------|
| <b>Latest</b> | trunk   | QNX Momentics 6.4.0 | <a href="#">6.4.0 Generic Notes</a> | <a href="#">here</a> | Apache II and QDL | Experimental | QNX      | <a href="#">Project Downloads</a> | Coming Soon! |

[Fastboot IPL Source](#)

## Features#

| Feature                | Planned Availability | Format | Notes  |
|------------------------|----------------------|--------|--|
| High Definition Audio  | Completed            | BIN    | Requires Mott Canyon Interposer card and external HD audio codec |
| IPL                    | Completed            | BIN    | “Cold Start” IPL, programmed to EEPROM.                          |
| Startup                | Completed            | SRC    | .  |
| Serial                 | Completed            | SRC    | .  |
| Ethernet               | Completed            | SRC    | Intel 8274L (Hartwell) Gig E.                                    |
| EIDE                   | Completed            | BIN    | .  |
| SMBus Resource Manager | Completed            | SRC    | .  |
| USB                    | Completed            | BIN    | EHCI and UHCI.   |
| Graphics               | Completed            | BIN    | .  |
| MMC / SD               | Completed            | BIN    | Untested because of lack of carrier board support                |
| PCI / PCIe             | Completed            | SRC    | PCIe devices are supported only in PCI legacy mode.              |
| Touchscreen            | Completed            | BIN    | .  |

Some of these drivers are commented out in the default buildfile. To use the drivers in the target hardware, you'll need to uncomment them in your buildfile, rebuild the image, and load the image into the board.

## QNX Neutrino 6.4.0 Change History#

### Trunk#

- Created from QNX Neutrino 6.3.2 BSP

- Built using the latest 6.4.0 toolchain