

# Texas Instruments AM335x Beaglebone/Beaglebone Black Board Support Package#

This BSP supports the Texas Instruments AM335x Beaglebone and Beaglebone Black.

## Releases#

### New! QNX Neutrino 6.6.0 BSP#

| Date       | Version | Prerequisites | User Guide           | Release Notes        | License(s) | Support | Provider | BSP                  | Latest experimental version       |
|------------|---------|---------------|----------------------|----------------------|------------|---------|----------|----------------------|-----------------------------------|
| 2014-08-18 | 6.6.0   | QNX SDP 6.6.0 | <a href="#">here</a> | <a href="#">here</a> | Apache II  | QNX     | QNX      | <a href="#">here</a> | <a href="#">2016-02-11 - here</a> |

### QNX Neutrino 6.5.0 SP1#

| Date       | Version       | Prerequisites           | Installation Notes                  | BSP User Guide and Release Notes | License(s)        | Support  | Provider | Download                          |
|------------|---------------|-------------------------|-------------------------------------|----------------------------------|-------------------|----------|----------|-----------------------------------|
| 2013-07-10 | QNX 6.5.0 SP1 | QNX Momentics 6.5.0 SP1 | <a href="#">6.5.0 Generic Notes</a> | <a href="#">here</a>             | QDL and Apache II | Released | MPC Data | <a href="#">Project Downloads</a> |

## Bootloader modules#

Click [here](#) to download the MLO and u-boot binaries for the original Beaglebone platform.

Click [here](#) to download the MLO and u-boot binaries for the new Beaglebone Black platform.

## Features#

| Feature  | Planned Availability | Format | Notes        |
|----------|----------------------|--------|--------------|
| Startup  | Complete             | SRC    |              |
| Serial   | Complete             | SRC    |              |
| Ethernet | Complete             | SRC    |              |
| SD       | Complete             | SRC    | Boot from SD |
| I2C      | Complete             | SRC    |              |
| SPI      | Complete             | SRC    |              |
| USB Host | Complete             | BIN    |              |
| RTC      | Complete             | SRC    |              |
| WDT      | Complete             | SRC    |              |

## **QNX Neutrino 6.6.0 Change History#**

### **February 4, 2016#**

- Latest experimental version posted, contains IPL code

### **September 2, 2014#**

- additional fixes for graphics, audio via HDMI interface

### **August 18, 2014#**

- experimental trunk version posted - enables HDMI graphics output

### **February 28, 2014#**

- Initial post

## **QNX Neutrino 6.5.0 Change History#**

### **July 10, 2013#**

- MLO, u-boot, and release note for Beaglebone Black support added (BSP is unchanged)

### **Release 1.20#**

- AM335 Beaglebone BSP -1.20 release- April 05, 2012

Include Ethernet driver source and update QSG, and release note

### **Release 1.10#**

- AM335 Beaglebone BSP -1.10 release- March 30, 2012

### **Release M1 Experimental#**

- AM335 Beaglebone BSP - M1 Experimental - February 9th, 2012