Terasic DE10-Nano Kit Release Notes

Version:

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DE10-Nano Image
BUILD VERSION: 2017.03.31
DISTRO: Angstrom v2016.12
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Note: To discover which version of the design is running on your board:

1. Using a web browser, navigate to the web site served by the board by typing **192.168.7.1** in the URL field.
2. Click the **Develop** tab
3. Open the **Design Files** section
4. Click "**Get The Version of This SD Card**"

Known issues:

1. **MRAA libraries for the DE10-Nano kit do not support Java.**

   Description: Java was not included in this build.

   Workaround: MRAA libraries support C/C++ and JavaScript. Java support will be added in an upcoming release.

2. **Can't change video output resolution after boot.**

   Description: After the DE10-Nano board boots, if you connect to an HDMI monitor with a different resolution, the output will not be adjusted automatically.

   Note: If there is no monitor connected to the DE10-Nano board, or if the monitor resolution cannot be detected, the HDMI output will default to 1024 x 768 resolution.

   Workaround: Recycle power on the DE10-Nano once the new monitor is connected and powered. There are no plans to change this behavior.

3. **Need to set password before connecting to DE10-Nano board using SSH.**

   Description: The first time you attempt to access the board using SSH, you will be unable to login due to the absence of a password.

   Workaround: Before using SSH to connect to the board, set a password. This can be done by connecting to the board using a terminal program (baud 115200, data 8, parity no, stop bits 1, flow control none), logging in as `root`, and typing `passwd`. This requirement will be eliminated in an upcoming release.

4. **Terminal home key does not work with UART over USB.**

Description: The home key on the terminal does not work when using UART over USB.

Workaround: Connect to the Linux desktop directly, using VNC, or Synergy soft KVM. This issue will be resolved in an upcoming release.

5. **Cut, copy, and paste hangs occasionally when using the serial console.**

Description Cut, copy, and paste hangs occasionally when using the serial console.

Workaround: Use the Linux desktop. This issue will be resolved in an upcoming release.