Terasic DE10-Nano Kit Release Notes

Version:

DE10-Nano Image
BUILD VERSION: 2017.03.31
DISTRO: Angstrom v2016.12

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.