WANDBOARD.ORG

Quick Start Guide

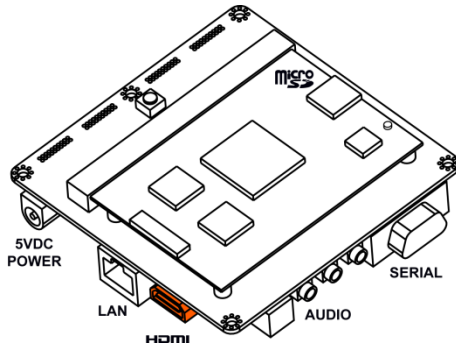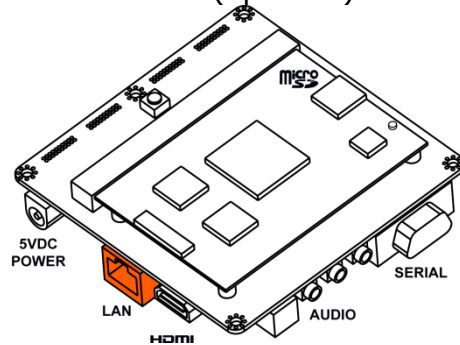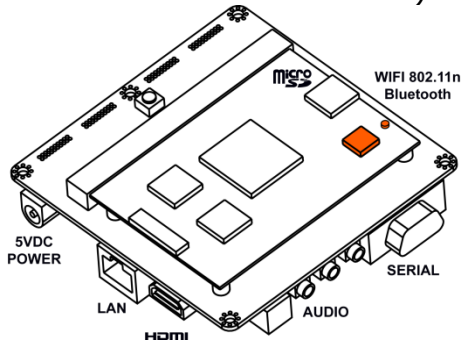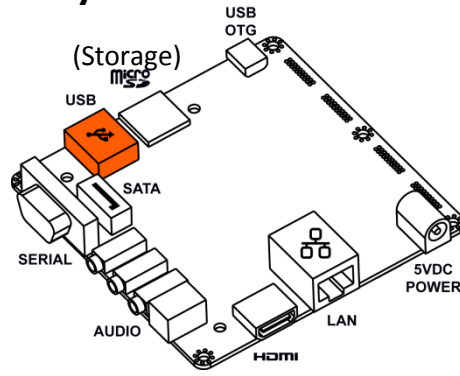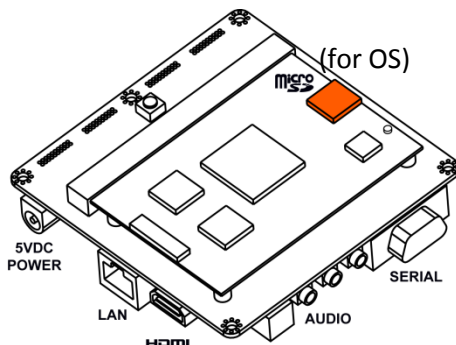|	
a) Connect display: use a quality HDMI cable to connect to your HDMI TV or Monitor.	**b) Connect network:** use a standard RJ45 LAN cable to connect your wired network (optional)
c) Connect wireless antenna (sold separately). This option is only available on Wandboard dual)	**d) Connect a standard USB mouse or keyboard**
e) Insert the microSD (orange **microSD card slot)** Read the last 2 pages of this document to create a microSD card containing the Operating System.	**f) Power up:** Plug in a power supply (**5 VDC at 2A** is recommended)

Preparing the bootable microSD card for your Wandboard

The microSD card that is created below will contain the Wandboard operating system. A large number of demo runtime images are available.

1. Procedures to get you started
   a) Download your preferred Wandboard runtime image
      http://www.wandboard.org/index.php/downloads
   b) Extract the file that you just downloaded
      - Right click on the file and choose "Extract all".
      - The extracted files will contain a file ending in *.img*

2. Instructions for Linux users
This paragraph explains how to create a SD card using Linux desktop or notebook. The SD card can be made using a standard terminal.

```
# dd if=*.img of=/dev/sdd bs=1M
```

replace *.img with the full name of the SD card image and replace /dev/sdd with your SD card device".

3. Instructions for Windows users
This paragraph explains how to create a SD card using Windows desktop or notebook.

Note: the *.img* file can only be written to your microSD card by special disk imaging software. This disk imaging software is included in the downloads at wandboard.org or can be downloaded according the instructions in paragraph 3.1.

3.1 Download the Win32DiskImager software
   a) Download *win32diskimager-binary.zip* from:
      http://sourceforge.net/projects/win32diskimager/
   b) Right click on the file and choose "Extract all".
   c) This will create a new folder called *win32diskimager-binary*

WANDBOARD.ORG

You are now ready to write the Wandboard runtime image to your microSD card.

3.2 Writing the image to the microSD card

a) Insert your microSD card into your PC (Check which drive is assigned to your device).
b) In the folder you made in step 3.1(c), run the file named *Win32DiskImager.exe* (in Windows Vista, 7 and 8 we recommend that you right-click this file and choose "Run as administrator").
c) If the SD card (*Device*) you are using isn't found automatically. Click on the drop down box and select it
d) In the *Image File* box, choose the *.img* file that you download previously
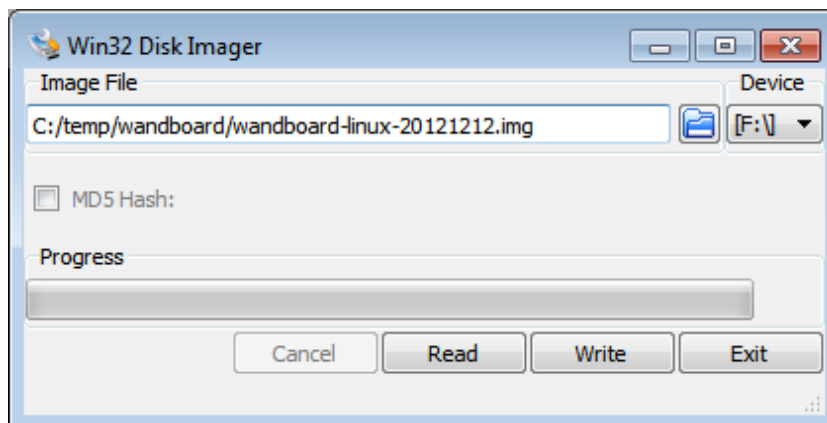
Warning: Make sure you write to the correct device. (check step 3.2a)

e) Click *Write*
f) After a few minutes you receive a notification that your microSD has been created successfully.