Differences in different versions of BBB and write the evolution of the Beagle bone.

BeagleBone Black has basically 3 versions, A series, B series and at last the current updated boards which is C series.

In the below table the BeagleBone Black board's release date along with version is mentioned.

Version and Board Name	Changes	Date of release
A4	Preliminary	January 4, 2013
A5	Production release	January 8.2013
A5.1	1. Added information on Power button and the battery access points. 2. Final production released version.	April 1 2013
A5.2	1. Edited version. 2. Added numerous pictures of the Rev A5A board.	April 23 2013
A5.3	1. Updated serial number locations. 2. Corrected the feature table for 4 UARTS 3. Corrected eMMC pin table to match other tables in the manual	April 30, 2013
A5.4	1. Corrected revision listed in section 2. Rev A5A is the initial production release. 2. Added all the locations of the serial numbers. 3. Made additions to the compatibility list. 4. Corrected Table 7 for LED GPIO pins. 5. Fixed several typos. 6. Added some additional information about LDOs and StepDown converters. 7. Added short section on HDMI.	May 12, 2013
A5.5	1. Release of the A5B version. 2. The LEDS were dimmed by changing the resistors. 3. The serial termination mode was incorporated into the PCB.	May 20, 2013
A5.6	1. Added information on Rev A5C 2. Added PRU/ICSS options to tables for P8 and P9. 3. Added section on USB Host Correct modes. 4. Fixed a few typos	June 16, 2013
A5.7	1. Updated assembly revision to A6. 2. PCB change to add buffer to the reset line and ground the oscillator GND pin. 3. Added resistor on PCB for connection of OSC_GND to board GND	August 9, 2013
A6	1. Added Rev A6 changes.	October 11, 2013

A6A	1. Added Rev A6A changes	December 17, 2013
B	1. Changed the processor to the AM3358BZCZ	January 20, 2013
C	1. Changed the eMMC from 2GB to 4GB. 2. Added additional supplier to DDR2 and eMMC.	March 21,2014
C.1	1. Added note to recommend powering off the board with the power	March 22, 2014
C.2	Numerous community edits and format changes to asciidoc.	May 6, 2020

- **A series:**

This is the initial production release of the board. We will be tracking changes from this point forward. The highest supported resolution is now listed as 1920x1080@24Hz. There were few twigs and updates in the LED brightness too during this whole A series productions along with some glitches were fixed where the board was kept restarting. Some jitters were also seen on the HDMI display test. As mentioned above due the reset issues the signal was ORed with the PORZn (Power On reset). Even some noise issues were also observed. Added connection from 32KHz OSC_GND to system ground and changed C106 to 1uF and changed C25 to 2.2uF. This resolved an issue was seen in a few boards where the board would not boot in 1 in 20 tries.

We will be using this A series throughout our course of this Embedded Linux.

- **B series:**

The processor is changed to AM3358BZCZ100.

- **C Series:**

The eMMC is changed from 2GB to 4 GB as 2GB devices are getting harder to get as they are being phased out. C series is the latest of all the series and is faster as for additional storage external memory chip is required in A series whereas in C series the additional 2 GB helps a lot.