

## *Comparison among different versions of Arduino Mega*

This document shows the difference of features among the four different versions of Arduino Mega available at TechshopBD.

Features	Arduino Mega 2560 R3- (Original)	Arduino Mega-2560 (China)	Arduino Mega 2560	Arduino Mega 1280(China)
<b>Origin</b>	Italy	China	Pi Labs,Bangladesh	China
<b>Price</b>	5597.75 BDT	1531.71 BDT	2568.80 BDT	1797.96 BDT
<b>Programmer Chip</b>	Atmega 2560	Atmega 2560	Atmega 2560	Atmega 1280
<b>USB to Serial Converter</b>	Atmega8U2	Atmega8U2	FT232RL	FT232RL
<b>Operating Voltage</b>	5V	5V	5/3.3V	5V
<b>Maximum External Input Voltage</b>	6-20V	6-20V	6-20V	6-20V
<b>No. of Digital I/O Pins</b>	54	54	70	54
<b>No. of Analog Input Pins</b>	16	16	16	16
<b>No. of PWM Outputs</b>	15	15	14	15
<b>EEPROM</b>	4KB	4KB	4KB	4KB
<b>SRAM</b>	8KB	4KB	8 KB	8KB
<b>Flash Memory</b>	256 KB(8 KB used by bootloader)	256 KB(8 KB used by bootloader)	128 KB	128 KB(4 KB used by Bootloader)
<b>Clock Speed</b>	16MHz	16MHz	16MHz	16MHz
<b>Switches</b>	1 Reset Switch.	1 Reset Switch.	1 Reset Switch 1 Selector switch for 5V & 3.3V 1 Selector switch for M-RST-Auto mode.	1 Reset Switch.
<b>Identifying Characteristic</b>	'Made in Italy' seal on the back of the board.	'Design in Italy' seal on the back of the board.	Pi labs' seal on the back of the board.	'Design in Italy' seal on the back of the board.