**Specs Compare**

This simple table shows a quick comparison between the characteristics of all the Arduino boards.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Processor** | **Operating** **Voltage/Input** **Voltage** | **CPU** **Speed** | **Analog** **In/Out** | **Digital** **IO/PWM** | **EEPROM** **[KB]** | **SRAM** **[KB]** | **Flash** **[KB]** | **USB** | **UART** |
| [**Uno**](http://arduino.cc/en/Main/ArduinoBoardUno) | ATmega328 | 5 V/7-12 V | 16 Mhz | 6/0 | 14/6 | 1 | 2 | 32 | Regular | 1 |
| [**Due**](http://arduino.cc/en/Main/ArduinoBoardDue) | AT91SAM3X8E | 3.3 V/7-12 V | 84 Mhz | 12/2 | 54/12 | - | 96 | 512 | 2 Micro | 4 |
| [**Leonardo**](http://arduino.cc/en/Main/ArduinoBoardLeonardo) | ATmega32u4 | 5 V/7-12 V | 16 Mhz | 12/0 | 20/7 | 1 | 2.5 | 32 | Micro | 1 |
| [**Mega 2560**](http://arduino.cc/en/Main/ArduinoBoardMega2560) | ATmega2560 | 5 V/7-12 V | 16 Mhz | 16/0 | 54/15 | 4 | 8 | 256 | Regular | 4 |
| [**Mega ADK**](http://arduino.cc/en/Main/ArduinoBoardADK) | ATmega2560 | 5 V/7-12 V | 16 Mhz | 16/0 | 54/15 | 4 | 8 | 256 | Regular | 4 |
| [**Micro**](http://arduino.cc/en/Main/ArduinoBoardMicro) | ATmega32u4 | 5 V/7-12 V | 16 Mhz | 12/0 | 20/7 | 1 | 2.5 | 32 | Micro | 1 |
| [**Mini**](http://arduino.cc/en/Main/ArduinoBoardMini) | ATmega328 | 5 V/7-9 V | 16 Mhz | 8/0 | 14/6 | 1 | 2 | 32 | - | - |
| [**Nano**](http://arduino.cc/en/Main/ArduinoBoardNano) | ATmega168 ATmega328 | 5 V/7-9 V | 16 Mhz | 8/0 | 14/6 | 0.512 1 | 1 2 | 16 32 | Mini-B | 1 |
| [**Ethernet**](http://arduino.cc/en/Main/ArduinoBoardEthernet) | ATmega328 | 5 V/7-12 V | 16 Mhz | 6/0 | 14/4 | 1 | 2 | 32 | Regular | - |
| [**Esplora**](http://arduino.cc/en/Main/ArduinoBoardEsplora) | ATmega32u4 | 5 V/7-12 V | 16 Mhz | - | - | 1 | 2.5 | 32 | Micro | - |
| [**ArduinoBT**](http://arduino.cc/en/Main/ArduinoBoardBT) | ATmega328 | 5 V/2.5-12 V | 16 Mhz | 6/0 | 14/6 | 1 | 2 | 32 | - | 1 |
| [**Fio**](http://arduino.cc/en/Main/ArduinoBoardFio) | ATmega328P | 3.3 V/3.7-7 V | 8 Mhz | 8/0 | 14/6 | 1 | 2 | 32 | Mini | 1 |
|  |  |  |  |  |  |  |  |  |  |  |
| [**Pro (168)**](http://arduino.cc/en/Main/ArduinoBoardPro) | ATmega168 | 3.3 V/3.35-12 V | 8 Mhz | 6/0 | 14/6 | 0.512 | 1 | 16 | - | 1 |
| [**Pro (328)**](http://arduino.cc/en/Main/ArduinoBoardPro) | ATmega328 | 5 V/5-12 V | 16 Mhz | 6/0 | 14/6 | 1 | 2 | 32 | - | 1 |
| [**Pro Mini**](http://arduino.cc/en/Main/ArduinoBoardProMini) | ATmega168 | 3.3 V/3.35-12 V 5 V/5-12 V | 8 Mhz 16Mhz | 6/0 | 14/6 | 0.512 | 1 | 16 | - | 1 |
|  |  |  |  |  |  |  |  |  |  |  |
| [**LilyPad**](http://arduino.cc/en/Main/ArduinoBoardLilyPad) | ATmega168V ATmega328V | 2.7-5.5 V/2.7-5.5 V | 8 Mhz | 6/0 | 14/6 | 0.512 | 1 | 16 | - | - |
|  |  |  |  |  |  |  |  |  |  |  |
| [**LilyPad USB**](http://arduino.cc/en/Main/ArduinoBoardLilyPadUSB) | ATmega32u4 | 3.3 V/3.8-5V | 8 Mhz | 4/0 | 9/4 | 1 | 2.5 | 32 | Micro | - |
|  |  |  |  |  |  |  |  |  |  |  |
| [**LilyPad** **Simple**](http://arduino.cc/en/Main/ArduinoBoardLilyPadSimple) | ATmega328 | 2.7-5.5 V/2.7-5.5 V | 8 Mhz | 4/0 | 9/4 | 1 | 2 | 32 | - | - |
|  |  |  |  |  |  |  |  |  |  |  |
| [**LilyPad** **SimpleSnap**](http://arduino.cc/en/Main/ArduinoLilyPadSimpleSnap) | ATmega328 | 2.7-5.5 V/2.7-5.5 V | 8 Mhz | 4/0 | 9/4 | 1 | 2 | 32 | - | - |