Raspberry Pi – does not support analog I/O

Beaglebone Black

* Can be its own single-board computer
* **3.3V GPIO** – 65 possible digital I/O’s
* **7 analog input** accepts only up to **1.8V**
* **No analog output** – supports 8 PWM outputs
* microHDMI, USB, Ethernet

<http://beagleboard.org/BLACK>

Galileo Intel

* Cannot be its own single board computer
* **14 digital I/O pins – six of which can do PWM output**
* **6 analog input** **(0-5V)**
* **No analog output** – PWM capable

<http://www.intel.com/content/www/us/en/do-it-yourself/galileo-maker-quark-board.html>

PCI Bus card (Has everything!!!)- <http://www.sensoray.com/products/826.htm>

* Low-level type of programming

PCI bus Analog and Digital I/O board- <http://www.omega.com/pptst/OME-PCI-1800.html>

**Single Board computer…:** <http://www.digi.com/products/wireless-wired-embedded-solutions/single-board-computers/bl4s200>

* Programming environment provided – C programming