

Items	pcDuino	pcDuino V2	pcDuino 3
CPU	1GHz ARM Cortex A8	1GHz ARM Cortex A8	AllWinner A20 SoC, 1GHz ARM Cortex A7 Dual Core
GPU	OpenGL ES2.0, OpenVG 1.1 Mali 400 core	OpenGL ES2.0, OpenVG 1.1 Mali 400 core	OpenGL ES2.0, OpenVG 1.1, Mali 400 Dual Core
DRAM	1GB	1GB	1GB
Onboard Storage	4GB Flash, microSD card (TF) slot for up to 32GB	4GB Flash, microSD card (TF) slot for up to 32GB	4GB Flash, microSD card (TF) slot for up to 32GB
Video Output	HDMI	HDMI	HDMI 1.4 with HDCP support
OS	Ubuntu 12.04 Android ICS 4.0	Ubuntu 12.04 Android ICS 4.0	Ubuntu 12.04 Android 4.2
Arduino extension interface	2.54mm Headers	Arduino sockets, same as Arduino UNO	Arduino sockets, same as Arduino UNO
Network interface	10/100Mbps RJ45 and USB WiFi extension (not included)	USB WiFi Ethernet 10/100/1000Mbps	USB WiFi Ethernet 10/100/1000Mbps
Audio out	N	N	3.5mm analog audio interface I2S stereo digital audio interface
LCD	N	N	LVDS
IR	N	N	IR receiver
SATA	N	N	SATA Host socket
Camera	N	N	MIPI
Battery	N	N	Li-Poly Battery Interface
USB	2 x USB host, 1xUSB OTG	1 x USB host, 1xUSB OTG	1 x USB host, 1xUSB OTG
Power	5V, 2000mA	5V, 2000mA	5V, 2000mA
Overall Size	125mm X 52mm	125mm X 52mm	121mm x 65mm