

Comparison of Top Ten SBCs from the LinuxGizmos.com and Linux.com 2015 Hacker SBC Survey -- June 11, 2015

	Raspberry Pi 2 Model B	BeagleBone Black	Raspberry Pi Model B+	Odroid-C1	DragonBoard 410c	Odroid-XU3	Parallella	Arduino TRE	Edison Kit for Arduino	Odroid-U3
Processor	Broadcom BCM2836	TI Sitara AM3358	Broadcom BCM2835	Amlogic S805	Qualcomm Snapdragon 410	Samsung Exynos5422	Xilinx Zynq-7020 or -7010	TI Sitara AM335x	Intel Atom "Tangier"	Samsung Exynos 4412 Prime
CPU Cores	4x Cortex-A7	1x Cortex-A8	1x ARM11	4x Cortex-A5	4x Cortex-A53	4x Cortex-A15, 4x Cortex-A7	2x Cortex-A9	1x Cortex-A8	2x x86	4x Cortex-A9
CPU clock	900MHz	1GHz	700MHz	1.5GHz	1.2GHz	2.0GHz (A15), 1.4GHz (A7)	667MHz	1GHz	500MHz	1.7GHz
GPU	Broadcom VideoCore IV	PowerVR SGX 530	Broadcom VideoCore IV	Mali-450	Adreno 306	Mali-T628 MP6	n/a	(tbd)	n/a	Mali-400
Built-in RAM	1GB	512MB	512MB	1GB	1GB	2GB	1GB	512MB	1GB	2GB
Built-in storage	no	4GB	no	no	8GB	no	no	(tbd)	4GB	no
Storage expansion	microSD	microSD	microSD	microSD, eMMC	microSD	microSD, eMMC	microSD	microSD	microSD	microSD, eMMC
Ethernet	100Mbit	100Mbit	100Mbit	GbE	no	100Mbit	GbE	100Mbit	no	100Mbit
USB	4x 2.0 host	1x 2.0 host, 1x 2.0 device	4x 2.0 host	4x 2.0 host, 1x 2.0 OTG	2x 2.0 host, 1x 2.0 device	1x 3.0 host, 1x 3.0 OTG, 4x 2.0 host	2x 2.0 OTG	4x 2.0 host, 1x 2.0 device	1x host, 2x device	3x 2.0 host, 1x 2.0 OTG
Display	HDMI, composite	HDMI	HDMI, composite	HDMI	HDMI	HDMI, DP	HDMI	HDMI	console port	HDMI
Other features	Camera input	PRU	Camera input	Console port	WiFi; Bluetooth; GPS; camera input	optional wireless module	FPGA; 16-core Epiphany RISC coprocessor	Atmel ATmega32u4 coprocessor	WiFi; Bluetooth; Quark coprocessor	heat sink
Expansion	40-pin multi-I/O	"cape" multi-I/O	40-pin multi-I/O	RPi compatible 40-pin multi-I/O	40-pin low-speed I/O; 60-pin high-speed I/O	30-pin multi-I/O	4x 60-pin multi-I/O	Arduino "shield" multi-I/O	Arduino UNO "shield" multi-I/O	8-pin multi-I/O
Dimensions	85 x 56mm	86 x 53mm	85 x 56mm	85 x 56mm	85 x 54mm	94 x 70mm	86 x 53mm	85 x 75mm (approx.)	127 x 72mm	83 x 48mm
Company or project	RPi Foundation	Beaglebone.org	RPi Foundation	Hardkernel / Odroid Project	Qualcomm	Hardkernel / Odroid Project	Adapteva / Parallella.org	Arduino LLC	Intel	Hardkernel / Odroid project
Price	\$35	\$55	\$25	\$35	\$75	\$179	\$99	(tbd)	\$100	\$69

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