

	Raspberry Pi (Model B rev.2)	Cubieboard	Cubieboard2	Cubietruck	Beaglebone Black	Odroid U3	Odroid X2	Odroid XU	Arduino Uno rev.3	Arduino Yún
CPU	1 Ghz (OC) ARM® Cortex-A6 ARM1176JZF-F	1 Ghz ARM® Cortex-A8 Allwinner A10 C8096CA	1 Ghz ARM® Cortex-A7 Dual Core Allwinner A20	1 Ghz ARM® Cortex-A7 Dual Core Allwinner A20	1 Ghz ARM® Cortex-A8 AM335x	1.7 Ghz ARM® Cortex-A9 QuadCore Samsung Exynos 4412 Prime	1.7 Ghz ARM® Cortex-A9 Quad Core Samsung Exynos4 4412 Prime	1.6 Ghz ARM® Cortex-A15 Quad Core & 1.6 Ghz ARM® Cortex-A7 Quad Core Samsung Exynos5 Ocia	ATmega328	ATmega32u4 & Atheros AR9331 MIPS 400Mhz
GPU/FPU	VideoCore IV	Mali-400 (CedarX, OpenGL)	Mali-400MP2 (CedarX, OpenGL)	Mali-400MP2 (CedarX, OpenGL)	SGX350 3D / NEON FPU accelerator	Mali-400 Quad Core 440 Mhz 2 GB LPDDR2	Mali-400 Quad Core 440 Mhz 2 GB LPDDR2	Power-VR SGX54MP3 600Mhz (OpenGL, OpenCL)	2 KB RAM	64 MB DDR2
RAM	512 MB	1 GB DDR3	2 GB	2 GB	512 MB DDR3	2 GB LPDDR2	2 GB LPDDR2	2 GB DDR3 800 Mhz	32KB Flash, 1KB EEPROM	16 MB Flash, micro SD
Storage	micro SD/SDHC	4 GB NAND Flash, micro SD/SDHC, SATA	4 GB NAND Flash, micro SD/SDHC, SATA	4 GB NAND Flash, micro SD/SDHC, SATA 2.0	2GB eMMC	micro SD/SDHC, eMMC socket	micro SD/SDHC, eMMC socket	micro SD/SDHC, eMMC socket	via Shield	via Shield
Power	micro USB (5V/1A) 3.5 W	DC 5v/2A	DC 5v/2A	DC 5v/2.5A	DC 5v/500mA	DC 5v/2A	DC 5v/2A	DC 5v/2A	USB 5V or DC 5V	DC 5V
Video Out	RCA Composite Video, HDMI 1.4	HDMI	HDMI	HDMI/VGA	microHDMI	HDMI 1.4 Type D	HDMI 1.4 Type D	HDMI 1.4a Type D	via Shield	via Shield
Audio	3.5 mm Headphone Jack	3.5 mm Headphone Jack / Line In	3.5 mm Headphone Jack	3.5 mm Headphone Jack, SPDIF	3.5 mm Headphone Jack, SPDIF	3.5 mm Headphone Jack/HDMI Digital	3.5 mm Headphone Jack/HDMI Digital	3.5 mm Headphone Jack/HDMI Digital	via Shield	via Shield
Network	10/100 Mbps	10/100 Mbps	10/100 Mbps	10/100/1000 Mbps, Wifi, Bluetooth	10/100 Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps (PoE) & 802.11 b/g/n	10/100Mbps (PoE) & 802.11 b/g/n
I/O ports	26 PIN GPIO, 2x Ribon	2x48 PIN GPIO, 4PIN Serial, 1IR	2x48 PIN GPIO, 4PIN Serial, 1IR	1x 54 PIN GPIO	2x46 PIN GPIO (Arduino Shield Compatible)	3x USB 2.0 + 1 micro USB 2.0	50 PIN GPIO	30 PIN GPIO	20 PIN GPIO	20 PIN GPIO
USB ports	2x USB 2.0	2x USB 2.0	2x USB 2.0, 1 mini USB OTG	1x USB 2.0	1x USB 2.0	3x USB 2.0 + 1 micro USB 2.0	6x USB 2.0 + 1 micro USB 2.0	4x USB 2.0, 1x USB 3.0, 1x3.0 micro OTG	via Shield	1 USB 2.0 + 1 Micro USB (prog.)
OS	Linux (Raspbian, Debian, Fedora, Arch, Gentoo, Kali), RISC OS, FreeBSD, NetBSD, OpenWRT	Android, Kali, Ubuntu, Fedora	Lubuntu, Android 4.2.2, Fedora, Debian,	Lubuntu, Android 4.2.2, Fedora, Debian,	Android, Angstrom, Ubuntu, Fedora, Gentoo, Arch, Minix				Programmable	Programmable/OpenWRT
Website	http://www.raspberrypi.org/	http://cubieboard.org/	http://cubieboard.org/	http://cubieboard.org/	http://beagleboard.org	http://hardkernel.com	http://hardkernel.com	http://hardkernel.com	http://arduino.cc	http://arduino.cc
Cost	\$35.00	\$60.00	\$80.00	\$130.00	\$45.00	\$70.00	\$130.00	\$170.00	\$25.00	\$75.00
Country	UK	China	China	China	US	Korea	Korea	Korea		

