



Models A

Models B

Models Zero

	Raspberry Pi 1 A	Raspberry Pi 1 A+	Raspberry Pi 3 A+	Raspberry Pi Model B	Raspberry Pi B+	Raspberry Pi 2 B	Raspberry Pi 3 B	Raspberry Pi 3 B+	Raspberry Pi 4 B	Raspberry Pi 400	Raspberry Pi Zero v1.2	Raspberry Pi Zero v1.3	Raspberry Pi Zero W / WH
Release Date	Feb 2012	Nov 2014	Nov 2018	Mar 2012	Jul 2014	Feb 2015	Feb 2016	Mar 2018	Jun 2019	Nov 2020	Nov 2015	May 2016	Feb 2017
Architecture	ARM v6	ARM v6	ARM v8	ARM v6	ARM v6	ARM v7	ARM v8	ARM v8	ARM v8	ARM v8	ARM v6	ARM v6	ARM v6
CPU	BCM2835	BCM2835	BCM2837B0	BCM2835	BCM2835	BCM2836	BCM2837	BCM2837B0	BCM2711	BCM2711	BCM2835	BCM2835	BCM2835
Frequency	700 Mhz	700 Mhz	1.4 Ghz	700 Mhz	700 Mhz	4x 900 Mhz	4x 1.2Ghz	4x 1.4 Ghz	4x 1.5 Ghz	4x 1.8 Ghz	1 Ghz	1 Ghz	1 Ghz
64 bits	-	-	x	-	-	-	x	x	x	x	-	-	-
RAM	256 MB	512 MB	512 MB	512 MB	512 MB	1 GB	1 GB	1 GB	1, 2, 4 or 8 GB	4 GB	512 MB	512 MB	512 MB
USB	1	1	1	2	4	4	4	4	4 (2x USB 2.0, 2x USB3.0)	3 (1x USB 2.0, 2x USB3.0)	1 (Micro-USB)	1 (Micro-USB)	1 (Micro-USB)
Display	HDMI	HDMI	HDMI	HDMI	HDMI	HDMI	HDMI	HDMI	2x Micro-HDMI	2x Micro-HDMI	Mini-HDMI	Mini-HDMI	Mini-HDMI
Network	-	-	Wireless	Ethernet	Ethernet	Ethernet	Ethernet, Wi-Fi, Bluetooth	Ethernet, Wi-Fi, Bluetooth	Ethernet, Wi-Fi, Bluetooth	Ethernet, Wi-Fi, Bluetooth	-	-	Wi-Fi, Bluetooth
Dimensions	85 x 56 x 10	65 x 56 x 10	65 x 56 x 10	85 x 56 x 17	85 x 56 x 17	85 x 56 x 17	85 x 56 x 17	85 x 56 x 17	85 x 56 x 17	286 x 122 x 23	65 x 30 x 5	65 x 30 x 5	65 x 30 x 5
My advice	A good balance between price and performance. They're also more compact than the B models (square format).			High-end products with the most features are generally models B. Take the latest here for better performances and possibilities.						Latest one	Perfect to get started with a minimal budget, even if you'll probably need many accessories.		
Recommended model	Raspberry Pi 3 A+			Raspberry Pi 4 B (4GB is enough in general)						-	Raspberry Pi Zero W (or WH if you need GPIO pins)		
Recommended kit	https://raspberrypi.com/kits/a			https://raspberrypi.com/kits/b						-	raspberrypi.com/kits/zero		