

Compare List for Raspberry Pi models

	Raspberry Pi 3 B	Raspberry Pi 3 A+	Raspberry Pi 3 B+	Raspberry Pi 4 B	Raspberry Pi Zero	Raspberry Pi Zero Wireless
Released	February 2016	November 2018	March 2018	June 2019	May 2016	February 2017
CPU	ARM Cortex-A53	ARM Cortex-A53	ARM Cortex-A53	ARM Cortex-A72	ARM1176JZF-S	ARM1176JZF-S
CPU speed	1,200MHz	1,400MHz	1,400MHz	1,500MHz	1,000MHz	1,000MHz
	quad core	quad core	quad core	quad core	single core	single core
RAM	1GB	512MB	1GB	1GB, 2GB, 4GB	512MB	512MB
GPU	Broadcom Videocore IV	Broadcom Videocore IV	Broadcom Videocore IV	Broadcom BCM2711	Broadcom Videocore IV	Broadcom Videocore IV
Storage	MicroSDHC slot	MicroSDHC slot	MicroSDHC slot	MicroSDHC slot	MicroSDHC slot	MicroSDHC slot
USB Ports	4	1	4	4 (2x USB 3)	1 x Micro USB (OTG)	2 x Micro USB (OTG)
WiFi	802.11n and Bluetooth 4.1	Dual-Band 2.4GHz and 5GHz 802.11ac and Bluetooth 4.2 BLE	Dual-Band 2.4GHz and 5GHz 802.11ac and Bluetooth 4.2 BLE	Dual-Band 2.4GHz and 5GHz 802.11ac and Bluetooth 5 BLE	No built-in wifi	802.11n and Bluetooth 4.1
Ethernet	10/100Mbit/s Ethernet Port	No built-in Ethernet	300Mbit/s Ethernet Port Gigabit Ethernet over USB 2.0	Native Gigabit Ethernet	No built-in Ethernet	No built-in Ethernet
Video Output	HDMI 3.5mm Composite DSI (for LCD)	HDMI 3.5mm Composite DSI (for LCD)	HDMI 3.5mm Composite DSI (for LCD)	2x mini-HDMI 3.5mm Composite DSI (for LCD)	Mini HDMI Composite via PCB	Mini HDMI Composite via PCB
Audio Output	I ² S, HDMI, 3.5mm Jack	I ² S, HDMI, 3.5mm Jack	I ² S, HDMI, 3.5mm Jack	I ² S, HDMI, 3.5mm Jack	I ² S, Mini HDMI	I ² S, Mini HDMI
Length (mm)	85.8	65	85.9	85.9	65	65
Width (mm)	56.7	56.8	56.8	56.8	30	30
Depth (mm) <small>Inc. Connectors</small>	17	11	17	17	5	5
Weight (g)	45	32	45	45	9	9
Approx. Power Rq. Min - Max	300mA - 1.3A	400mA - 1.2A	400mA - 1.5A	400mA - 1.5A	100mA - 350mA	100mA - 350mA
Power Input	Micro USB 5V @ 2.5A	Micro USB 5V @ 2.5A	Micro USB 5V @ 2.5A Power over Ethernet (PoE)- enabled <small>(requires separate PoE HAT)</small>	USB-C 5V @ 3A Power over Ethernet (PoE)- enabled <small>(requires separate PoE HAT)</small>	Micro USB 5V @ 2.5A	Micro USB 5V @ 2.5A