

3A

3C

Raspberry Pi 3 Model B+

Raspberry Pi 3 Model B

SoC	Rockchip RK3568	Rockchip RK3566	Broadcom BCM2837B0	Broadcom BCM2837
Processor	Quad-core Arm® Cortex®-A55 (ARMv8)	Quad-core Arm® Cortex®-A55 (ARMv8)	Quad core Arm® Cortex®-A53	Quad core ARM Cortex-A72 (ARM V8) (64-bit)
Clock	2.0GHz	1.6GHz	1.4GHz	1.4GHz
GPU	Arm Mali™ G52-2EE	Arm Mali™ G52-2EE	VideoCore VI	VideoCore VI
Memory	2GB 64bit LRDDR4 RAM	1GB/2GB 32bit LRDDR4 RAM	1GB RAM LPDDR2	1GB RAM LPDDR2
Power	USB Type-C™ PD / Qualcomm® Quick Charge™ / GPIO	USB Type-C™ / GPIO	Micro-USB (2.1 A)	Micro-USB (2.1 A)
HDMI	1x HDMI up to 4K@60fps	1x HDMI 1080p	1x HDMI 1080p	1x HDMI 1080p
USB	2x USB2 HOST / 1x USB3 HOST / 1 x USB 3.0 OTG-HOST	2x USB2 HOST / 1x USB3 HOST / 1x USB2 OTG-HOST	4 USB 2.0 PORTS	4 USB 2.0 PORTS
Audio Ports	3.5mm jack - stereo output/mic input	3.5mm jack - stereo output/mic input	3.5mm jack - stereo output/mic input	3.5mm jack - stereo output/mic input
Connectivity	M.2 E Key / M.2 M Key / Ethernet	WiFi® 5 / Bluetooth® 5.0 / M.2 M Key / Ethernet	2.4GHz WiFi / Bluetooth BLE 4.2 / Ethernet	2.4GHz WiFi / Bluetooth 4.1 / Ethernet
MIPI	1x 2 lane DSI / 1x 2 lane CSI	1x 2 lane DSI / 1x 2 lane CSI	MIPI DSI / MIPI CSI	MIPI DSI / MIPI CSI
Storage	Micro SD / eMMC	Micro SD / eMMC	Micro SD	Micro SD
UARTS	5x UART	5x UART	1x UART	1x UART
External Antenna	✘	✘	✘	✘
RTC	✔	✘	✘	✘
Power On/Off	✔	✔	✘	✘
Software	ARMv8 Instruction Set / Debian/Ubuntu Linux / Android 11 / Hardware access control library for Linux/Android	ARMv8 Instruction Set / Debian/Ubuntu Linux / Android 11 / Hardware access control library for Linux/Android	Raspberry Pi OS / Ubuntu / Manjaro / LibreELEC / Lakka	Raspberry Pi OS / Ubuntu / Manjaro / LibreELEC / Lakka
Operation Temperature	0~50 °C	0~50 °C	0~60 °C	0~60 °C