



Raspberry Pi 4 Model B VS Raspberry Pi 5		
Features	Raspberry Pi 4 B (Old)	Raspberry Pi 5 (New)
Processor (SoC Type)	Broadcom BCM2711 Quad Core Cortex-A72 64-bit (ARM v8)	Broadcom BCM2712 Quad Core Cortex-A76 64-bit (ARM v8)
RAM	LPDDR4-3200: 1GB, 2GB, 4GB & 8GB	LPDDR4X-4627 SDRAM: 8GB, 4GB, 2GB & 1GB (1 & 2GB variants will start shipping – late 2024)
CPU Clock	1.5 GHz	2.4 GHz
GPU	VideoCore VI	VideoCore VII
Multimedia	OpenGL ES 1.1, 2.0, 3.0 Graphics	OpenGL ES 3.1, Vulkan 1.2
OS Storage	microSD	microSD, NVMe SSD (M.2 HAT)
Audio/Video Output	3.5mm Jack: Audio/Video Composite	3.5mm Jack Not Available Video Output via PCB Pads
HDMI	2x micro-HDMI support Dual Display, 4kp30	2x micro-HDMI support Dual 4kp60 Display with HDR
USB Ports	2 x USB 2.0 2 x USB 3.0	2 x USB 2.0 2 x USB 3.0, 5Gbps simultaneously
Ethernet	Gigabit Ethernet Ethernet port on the Right	Gigabit Ethernet with PoE+ Support, Requires PoE+ HAT Ethernet port on the Left
Dedicated Ports	N/A	UART debug port Cooler Fan Connector PCIe 2.0 x1 Interface RTC with External Battery
Camera & Display Ports	1 x 2 lane MIPI Camera 1 x 2 lane MIPI Display	2 x 4 lane MIPI Camera or Display Transceivers
Raspberry Pi OS	Raspberry Pi OS Bullseye (> 24 June 2019)	Raspberry Pi OS Bookworm (> 28 September 2023)
Power Input	5V via USB Type-C (Up to 3A) 5V via GPIO Header (Up to 3A) Power over Ethernet – requires a PoE+HAT	5V via USB Type-C (Up to 5A, with Power Delivery Support) 5V via GPIO Header (Up to 5A) Power over Ethernet – requires a PoE+HAT
Power On/Off Button	No	Yes
GPIO Pins	40 Pins (Fully Backward-Compatible)	
Bluetooth	Bluetooth 5.0 / Bluetooth Low Energy (BLE)	
Wi-Fi	Dual Band 802.11 b/g/n/ac (2.4GHz & 5GHz)	
Dimensions	88mm x 56mm x 17mm	