

Comparison of Raspberry Pi 4 Model B and Geekom Mini Air 11

Raspberry Pi 4 Model B with 8Gb RAM	Geekom Mini Air 11 11th Gen Intel
Specs from https://www.raspberrypi.com/products/raspberry-pi-4-model-b/specifications/	Specs from https://www.geekompc.com/geekom-mini-air-11-mini-pc
Price \$184.95 plus \$21.95 shipping	Price \$229.00 (free 2-5 day shipping)
Available at https://www.canakit.com/raspberry-pi-4-extreme-aluminum-case-kit.html	Available from https://www.geekompc.com/geekom-mini-air-11-mini-pc/
Net Weight 85 g without cables and power supply	Net Weight 500.3 g
88 mm × 58 mm × 19.5 mm, 46 g	Form Factor 117 x 112 x 34.2 mm
OS Raspberry Pi NOOBS on SD Card	OS Windows 11 Professional installed
Broadcom BCM2711, Quad core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz	CPU 11th Gen Intel® Celeron® Processor N5095 (4 Cores, 4 Threads, 4M Cache, up to 2.90 GHz)
8GB LPDDR4-3200 SDRAM	Memory - Dual-channel DDR4 SODIMM, 8GB; expandable up to 32GB
Storage - Samsung EVO+ 128GB High Speed microSD Card	Storage - 1 x SSD (2280 M.2 PCIe/SATA), 256GB; expandable up to 1TB
2.4 GHz and 5.0 GHz IEEE 802.11ac wireless	Wireless LAN Intel® Wi-Fi 5
Gigabit Ethernet	Intel® 10/100/1000 Mbps Ethernet
Bluetooth 5.0, BLE	Bluetooth® v4.2
2 USB 3.0 ports	2 USB C ports
	3 USB A 3.1 ports
2 USB 2.0 ports	
1/8" stereo audio out port -4 pole stereo audio and composite video port	1/8" stereo audio out port
Raspberry Pi standard 40 pin GPIO header (fully backwards compatible with previous boards)	
2 × micro-HDMI ports (up to 4kp60 supported)	Full size HDMI out
2-lane MIPI DSI display port	Mini Display port out
2-lane MIPI CSI camera port	
4-pole stereo audio and composite video port	
H.265 (4kp60 decode), H264 (1080p60 decode, 1080p30 encode)	Graphics Intel® UHD Graphics 605
OpenGL ES 3.1, Vulkan 1.0	
Micro-SD card slot for loading operating system and data storage	Full size card reader
5V DC via USB-C connector (minimum 3A*)	
5V DC via GPIO header (minimum 3A*)	
Power over Ethernet (PoE) enabled (requires separate PoE HAT)	
Operating temperature: 0 – 50 degrees C ambient	
Canakit 3.5A USB-C Raspberry Pi 4 Power Supply with Noise Filter - Specially designed for the Raspberry Pi 4 (UL Listed)	Power Supply Input 100-240 volt 50/60Hz 1.5 a Output 19.0 volt 2.36 amp
2 Micro HDMI Cables	1 HDMI Cable
	1 Mini DisplayPort to HDMI Adapter
	1 xVESA Mount with screws
	1 Storage Bag