

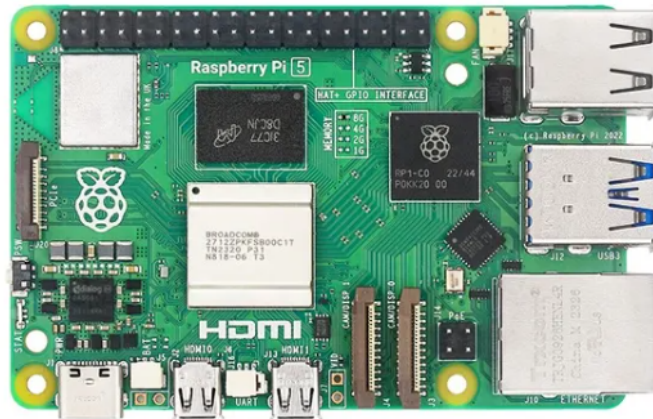
## Test Mini PC

CPU and RAM

Price 5.02.24

Original Raspberry Pi 5, BCM2712 2.4GHz, 4/8GB RAM LPDDR4X

<https://www.aliexpress.com/item/1005006416669599.html>



Golang SHA256 Benchmark CPU Test: ? ms

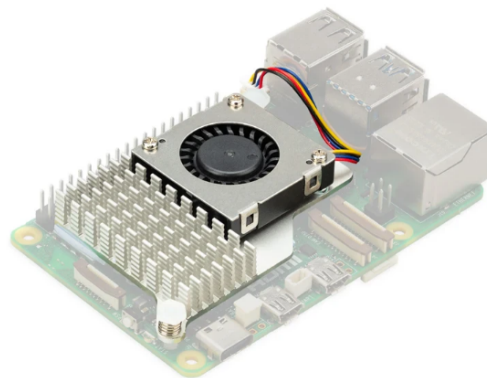
**BCM2712** - 2.4GHz 4-core Cortex-A76 CPU, 512KB per-core L2 caches and a 2MB shared L3 cache  
LPDDR4X-4267 SDRAM (options for 4/8GB)

4GB RAM - US \$106.56 (Free Shipping)

8GB RAM - US \$135.90 (Free Shipping)

**Raspberry Pi 5 Active Cooler**

<https://www.aliexpress.com/item/1005006295924098.html>



US \$5.93 (Shipping: US \$1.99, or free over US \$10.00)

(4GB RAM) 107 + 6 + 2 = **115\$**

(8GB RAM) 136 + 6 + 2 = **144\$**

**NanoPi NEO3, Rockchip RK3328 1.5GHz, 1/2GB DDR4 RK3328 4-core Cortex A53**

<https://www.aliexpress.com/item/1005001500464411.html>



Golang SHA256 Benchmark CPU Test: **77ms**

**Rockchip RK3328** - 1.5GHz 4-core ARM Cortex-A53, GPU 2x ARM Mali-450  
DDR4-2133 SDRAM (options for 1/2GB)

1GB RAM - US \$41.96 (Shipping: US \$6.77)

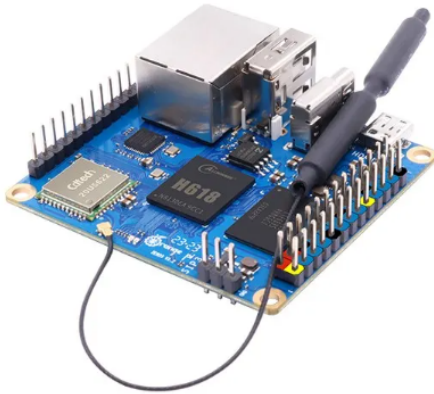
2GB RAM - US \$46.80 (Shipping: US \$6.77)

(1GB RAM) 42 + 7 = **49\$**

(2GB RAM) 47 + 7 = **54\$**

**Orange Pi Zero 3, Allwinner H618 1.5GHz, 1/2/4GB RAM LPDDR4**

<https://www.aliexpress.com/item/1005005885372514.html>



Golang SHA256 Benchmark CPU Test: **106ms**

**Allwinner H618** - 1.5GHz 4-core Cortex-A53, 1MB per-core L2 caches, GPU Mali-G31 MP2  
DDR4-2133 SDRAM (options for 1/1.5/2/4GB)

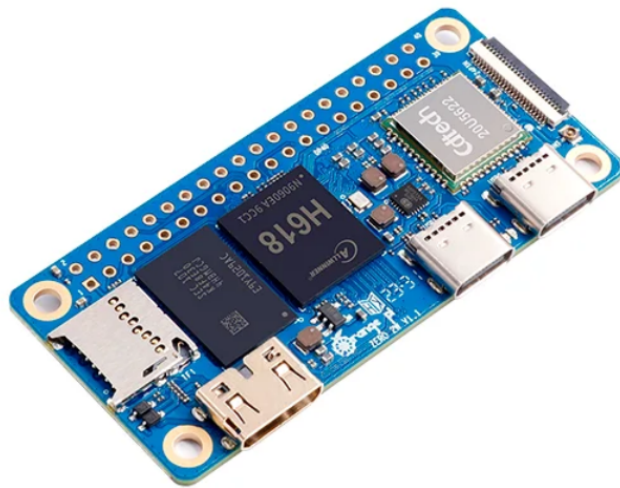
1GB RAM - US \$31.07 (Free Shipping)

2GB RAM - US \$40.71 (Free Shipping)

4GB RAM - US \$47.08 (Free Shipping)

## Orange Pi Zero 2 W, Allwinner H618 1.5GHz, 1/2/4GB RAM LPDDR4

<https://www.aliexpress.com/item/1005006016355138.html>



Golang SHA256 Benchmark CPU Test: **106ms**

**Allwinner H618** - 1.5GHz 4-core Cortex-A53, 1MB per-core L2 caches, GPU Mali-G31 MP2  
DDR4-2133 SDRAM (options for 1/2/4GB)

1GB RAM - US \$15.61 (Shipping US \$7.01)

2GB RAM - US \$22.87 (Shipping US \$7.01)

4GB RAM - US \$27.83 (Shipping US \$7.01)

## Raspberry Pi Zero 2 W Aluminum Case Armored Shell with Thermal Pad Heatsink Passive Cooling

<https://www.aliexpress.com/item/1005003845575315.html>



US \$4.38 (Shipping: US \$1.99, or free over US \$10.00)

(1GB RAM) 16 + 7 + 4 + 2 = **29\$**

(2GB RAM) 23 + 7 + 4 + 2 = **36\$**

(4GB RAM) 28 + 7 + 4 + 2 = **41\$**