**Vergleich zwischen Mini-PCs**

|  | Nvidia Jetson Nano | Banana Pi M5 | Orange Pi CM 4 | Libre Alta AI |
| --- | --- | --- | --- | --- |
| **Prozessor-Kerne** | Quad Core | Quad Core | Quad Core | Quad Core + Dual Core |
| **Max. Taktung** | 2,0 GHz | 2,0 GHz | 1,8 GHz | 2,2 GHz + 1,8 GHz |
| **Arbeitsspeicher** | 4 GB | 4 GB | 8 GB | 4 GB |
| **Ethernet-Port** | ✓ | ✓ | ✓ | ✓ |
| **Speicherlösung** | microSD | integr. Flashspeicher; microSD | integr. Flashspeicher | microSD |
| **GPIO-Pins** | 260-pin edge connector | 40 | 40 | 40 |
| **WiFi** | Dual-band 802.11ac | ✗ | 802.11ac | ✗ |
| **Maße** | 69.6 mm x 45 mm | 85 x 56 mm | 55 x 40 mm | 85 x 56 mm |
| **Preis** | 220€ | ab 100 € | 8 GB: ab 60 € | ab 70 € |
| **Betriebssystem** | allen gängigen Linux-Distributionen | Ubuntu, Debian, Android, Raspbian | Ubuntu, Debian, Android, Raspbian | allen gängigen Linux-Distributionen |
| **Besonderheiten** | 40 TOPS | - | - | * 5 TOPS * Hohe Kompatibilität zum Raspberry-PI-Interface |
| **Stromverbrauch** | ≥4.75V  2A  = min. 9 Watt | ? | (1,8V – 3,3V)  3A  = max. 10 W | 10W Full Load  7.5W Typical Load  < 1.5W Idle  < 0.3W Wake Ready |

[**https://www.ionos.de/digitalguide/server/knowhow/raspberry-pi-alternativen-einplatinenrechner-im-check/**](https://www.ionos.de/digitalguide/server/knowhow/raspberry-pi-alternativen-einplatinenrechner-im-check/)

[**http://www.orangepi.org/orangepiwiki/index.php/Orange\_Pi\_CM4**](http://www.orangepi.org/orangepiwiki/index.php/Orange_Pi_CM4)

[**https://libre.computer/products/aml-a311d-cc/**](https://libre.computer/products/aml-a311d-cc/)

[**https://www.reichelt.de/nvidia-jetson-nano-kit-4x-1-4-ghz-4-gb-ram-nvidia-gpu-jetson-nano-kit-p280651.html**](https://www.reichelt.de/nvidia-jetson-nano-kit-4x-1-4-ghz-4-gb-ram-nvidia-gpu-jetson-nano-kit-p280651.html)

[**https://wiki.banana-pi.org/Banana\_Pi\_BPI-M5**](https://wiki.banana-pi.org/Banana_Pi_BPI-M5)