



1709.00 EUR  
incl. 19% VAT, plus [shipping](#)

- NVIDIA Jetson !
- Orin NX 16GB !
- Industrial-grade Design !
- -25~60°C Wide Temperature !



Support:  [Specifications](#)

- NVIDIA® Jetson Orin™ Nano and NX SOM Compatible Box PC, Up to 100TOPS/25W
- Industrial Fanless & Compact Design
- Wide Operating Temperature -25~60°C
- HDMI up to 4K@60Hz Resolution
- 2x RJ-45 1GbE LAN
- 2x USB3.2 Gen2 Type A
- 1x D-Sub9 RS-232 (4-wire)
- High-speed M.2 2280 PCIe x4 NVMe
- Support 5G/LTE and WiFi-6E

#### MA1 (MA1) Specifications

|                   |                                           |                                                                                                                                                                            |
|-------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | NVIDIA® Jetson Orin™<br>Compatible Module | NVIDIA® Jetson Orin™ NX<br>16GB Module (10~25W)                                                                                                                            |
|                   | DISPLAY INTERFACE                         | 1 x HDMI 2.0 Type A, Up to 3840<br>x 2160 at 60 Hz Resolution<br>2 x USB 3.2 Gen 2 Type A / 1 x<br>USB2.0 MicroUSB OTG with<br>Recovery Button (for Recovery<br>Mode Only) |
| SYSTEM            | I/O PORT                                  | 1 x M.2 3042/3052 B-Key Slot<br>(USB3.2) for 5G/LTE Module / 1<br>x Nano-SIM Slot / 1 x M.2 2230<br>E-Key Slot (PCIe/USB2.0) for<br>WiFi Module                            |
|                   | EXPANSION SLOT                            | 2 x 1GbE RJ-45 / 1 x RS-232<br>DB9 (4-wire)                                                                                                                                |
|                   | REAR I/O                                  | 1 x M.2 2280 M-Key Slot (PCIe<br>x4 for NVMe)                                                                                                                              |
|                   | STORAGE                                   | 12V DC Input                                                                                                                                                               |
| POWER REQUIREMENT | POWER INPUT                               | 60W AC-DC Power Adapter with<br>2-PIN Terminal Block                                                                                                                       |
|                   | POWER ADAPTER                             | Fanless                                                                                                                                                                    |
| MECHANICAL        | THERMAL DESIGN                            | 90 x 125 x 65 mm                                                                                                                                                           |
|                   | DIMENSIONS (W X D X H)                    | -25°C ~ 60°C                                                                                                                                                               |
|                   | OPERATING TEMPERATURE                     | 10% ~ 95% R/H<br>(Non-condensing)                                                                                                                                          |
| ENVIRONMENTAL     | OPERATING HUMIDITY                        | CE / FCC Class B                                                                                                                                                           |
|                   | CERTIFICATION                             | NVIDIA JetPack 5.1.1 (Ubuntu<br>20.04 with Linux Kernel 5.10<br>LTS)                                                                                                       |
| OS                | OS SUPPORT                                | 1 x Embedded System / 1 x<br>AC-DC Power Adapter with 2-Pin<br>Terminal Block / 1 x MicroUSB<br>cable / 1 x Power Cord                                                     |
| PACKING LIST      | PACKAGE                                   |                                                                                                                                                                            |