649.00 EUR
incl. 19% VAT, plus shipping

- NVidia Nano 8G !

Support: Specifications

AVerMedia Engineering Kit D131LON built with NVIDIA® Jetson Orin™ Nano module, which brings next-level AI performance and power-efficient capability for all autonomous machines. This efficient SoM makes advanced analytics possible while providing the ability to handle a host of other embedded IoT applications.

- Supports Super Mode for Jetson Orin™ Nano
- 1 x 2 Lane MIPI CSI-2 Camera input
- 1 x M.2. E key 2230 for Wi-Fi (AC9260)
- 1 x M.2. M key 2280 for SSD (not included)
- 1 x GbE RJ-45 (Option PoE), 40-pin expansion header
- 4 x USB 3.2 Gen 1 Type A (Total Bandwidth: 5Gbps)
- 1 x 4Kp30 HDMI output for Orin Nano
- Operating temperature: 0°C ~ 65°C
- Dimension: 113mm(W) x 101.4mm(L) x 57.8mm(H)/Weight: 220g
- Support 24/7 secure remote monitoring, control, and OTA deployment empowered by Allxon

Model	**D131LON**
NVIDIA Jetson SoM	**Jetson Nano 8G**

BSP	Applied to NVIDIA BSP directly*
Networking	1x GbE RJ-45 (PoE option) 1xM.2. key E 2230 for Wi-Fi (AC9260)
Display Output	1x HDMI 3840 x 2160 at 30Hzfor Orin Nano
Temperature	Operating temperature 0°C~65°C Storage temperature -40°C ~ 85°C Relative humidity 40 °C @ 95%, Non-Condensing
MIPI Camera Inputs	1x 2 lane MIPI CSI-2, 15 pin FPC 1mm Pitch Connector
USB	1x USB 2.0 Micro-B for recovery 4 x USB 3.2 Gen 1 Type A (Total Bandwidth: 5Gbps)
Storage	1x M.2. key M 2280 for SSD
Expansion Header	40-pin: 1x UART, 2x SPI, 2x 12C, 1x I2S, 6x GPIOs 1xOOB supported by Allxon

Power requirement	DC 9~24V DC IN Jack on board: 7A~2.6A ATX 4pin: 7A~2.6A
Thermal Solution	Fan
Buttons	Power and Recovery
Dimensions	113mm(W) x 101.4 mm(L) x 57.8 mm(H) Weight: 220g
Certifications	CE, FCC, KC, UKCA
Package	1 x Carrier Board 1 x NVIDIA® Jetson Orin Nano module + Fan

WIFI KIT

PSE Board

APPRO IMX179 Camera module

Optional

256G SSD

12V Power Adapter

Power Cord