



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

- NVidia Jetson !
- Carrier Board !

AVerMedia's D131L Carrier board equips powerful NVIDIA® Jetson Orin NX/ Orin Nano modules. This efficient system-on-module (SoM) opens new worlds of embedded IoT applications with full analytic capabilities.

AVerMedia D131L is designed for the industry applications with spatial concern and feature a rich assortment of I/O ports for rapid AI-based solution development and seamless deployment as required by demanding business applications.

- 1 x 2 Lane MIPI CSI-2 Camera Input
- 2 x M.2. for Wi-Fi and SSD
- 1 x GbE RJ-45 (Option PoE), 40-pin expansion header
- 4 x USB3.2 Gen1 (5G) type A
- 1x HDMI 3840 x 2160 at 60Hz for Orin NX, 3840 x 2160 at 30Hzfor Orin Nano
- Operating temperature: 0°C ~ 70°C (TBD)
- Dimension: 113mm(W) x 105mm(L) x 28.53 mm(H)
- Weight: 95g
- Support 24/7 secure remote monitoring, control, and OTA deployment empowered by Allxon

|                           |                                                                                                                                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Model</b>              | <b>D131L</b>                                                                                                                                                                                        |
| <b>Type</b>               | <b>Carrier Board</b>                                                                                                                                                                                |
| <b>NVIDIA Jetson SoM</b>  | <b>Jetson Orin NX/ Orin Nano module</b>                                                                                                                                                             |
| <b>BSP</b>                | <b>Applied to NVIDIA BSP directly</b>                                                                                                                                                               |
| <b>Networking</b>         | <b>1x GbE RJ-45 (PoE option)</b>                                                                                                                                                                    |
| <b>Display Output</b>     | <b>1xM.2. key E 2230 for wifi (AC9260)</b><br><b>1x HDMI (3840 x 2160 at 60Hz) for Orin NX</b><br><b>1x HDMI (3840 x 2160 at 30Hz) for Orin Nano</b><br><b>Operating temperature 0°C~70°C (TBD)</b> |
| <b>Temperature</b>        | <b>Storage temperature -40°C ~ 85°C</b>                                                                                                                                                             |
| <b>MIPI Camera Inputs</b> | <b>Relative humidity 40 °C @ 95%, Non-Condensing</b><br><b>1x 2 lane MIPI CSI-2, 15 pin FPC 1mm Pitch Connector</b>                                                                                 |
| <b>USB</b>                | <b>1x USB 2.0 Micro-B for recovery</b><br><b>4x USB 3.2 Gen1 (5G) type A</b>                                                                                                                        |

---

|                         |                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | <b>1x M.2. key M 2280 for SSD</b>                                                                     |
| <b>Expansion Header</b> | <b>40-pin: 1x UART, 2x SPI, 2x I2C, 1x I2S, 6x GPIOs</b>                                              |
| <b>Input Power</b>      | <b>1x OOB supported by Allxon<br/>DC IN JACK on board &amp; ATX 4pin</b>                              |
| <b>Power Cord</b>       | <b>12V/5A, 9V~24V is recommended.</b>                                                                 |
| <b>Thermal Solution</b> | <b>US/JP/EU/UK/TW/CN/AU</b>                                                                           |
| <b>Buttons</b>          | <b>Fan (optional)</b>                                                                                 |
| <b>RTC Battery</b>      | <b>Power and Recovery</b>                                                                             |
| <b>Dimensions</b>       | <b>Support RTC battery and Battery Life Monitoring by MCU<br/>113mm (W) x 105mm (L) x 28.53mm (H)</b> |
| <b>Certifications</b>   | <b>Weight: 95 g<br/>CE, FCC,KC</b>                                                                    |