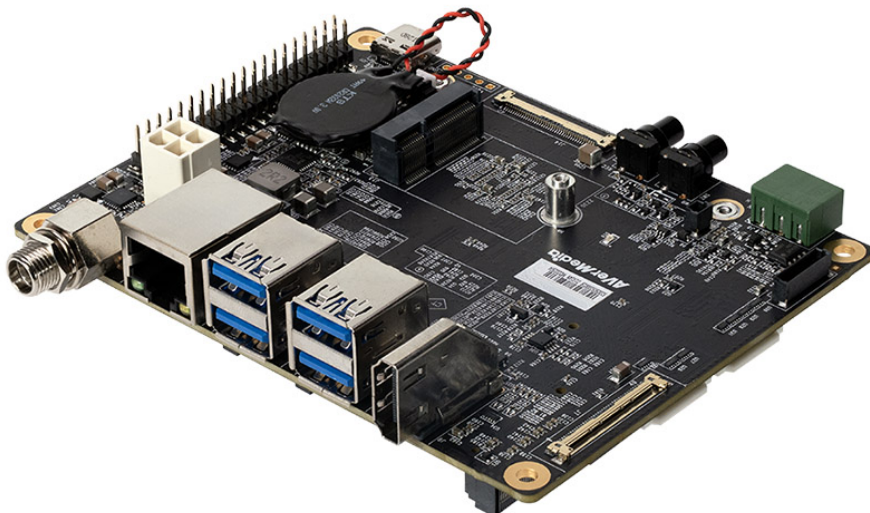


319.00 EUR

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

- NVidia Jetson Orin NX/Nano !
- Super Mode !
- Carrier Board !



AVerMedia's D131S Carrier Board support powerful NVIDIA® Jetson Orin NX super/Orin Nano super/Orin NX/ Orin Nano modules. This efficient system-on-module (SoM) opens new worlds of embedded IoT applications with full analytic capabilities.

D131S Carrier Board is designed for the industry applications with spatial concern and compact yet efficient for rapid AI-based solution development and seamless deployment as required by demanding business applications.

AVerMedia supports businesses of all sizes and offers customizable BSP services, flexible MOQ, in addition to NVIDIA's JetPack™ SDK.

- Applies to NVIDIA Jetson Orin NX / Orin Nano module
- Support Super Mode
- 2 x 4 Lane MIPI CSI-2 Camera input
- 2 x M.2. for Wi-Fi, SSD and Capture Card
- 1 x GbE RJ-45 (Option PoE), 40-pin expansion header
- 4x USB 3.2 (2x native USB 3.2 Gen2 10Gbps, 2x USB 3.2 Gen2 via HUB Shared 10Gbps)
- Operating temperature: -40°C ~ 85°C (Industrial Type)
- Operating temperature: 0°C ~ 70°C (Commercial Type)
- Dimension: 113mm(L) x 105mm(W)
- Weight: 101g
- Support 24/7 secure remote monitoring, control, and OTA deployment empowered by Allxon

| Model<br>Type                       | D131S<br>Carrier Board                                            |
|-------------------------------------|-------------------------------------------------------------------|
| NVIDIA GPU SoC Module Compatibility | NVIDIA® Jetson Orin NX / Orin Nano module , Support Super<br>Mode |
| Networking                          | 1x GbE RJ-45 (PoE option)<br><br>1xM.2. key E 2230 for Wi-Fi      |

|                                 |                                                                                                                                                                                                                                                                                                                       |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display Output                  | 1x HDMI (3840 x 2160 at 60Hz) for Orin NX, (3840 x 2160 at 30Hz) for Orin Nano                                                                                                                                                                                                                                        |
| Temperature                     | <p>DP is optional through DP Daughter Board</p> <p>Operating temperature: -40°C ~ 85°C (Industrial Type)</p> <p>Operating temperature: 0°C ~ 70°C (Commercial Type)</p> <p>Option 0°C~65°C with eDP Sub Board (TBD)</p> <p>Storage temperature: -40°C ~ 85°C</p> <p>Relative humidity 40 °C @ 95%, Non-Condensing</p> |
| MIPI Camera Inputs (internal)   | 2x 4 lane MIPI CSI-2, 22 pin FPC 0.5mm Pitch Connector                                                                                                                                                                                                                                                                |
| USB                             | 4x USB 3.2 Type-A                                                                                                                                                                                                                                                                                                     |
| Storage                         | <p>1x USB 2.0 type C for recovery</p> <p>1x M.2. key M 2280 for SSD</p> <p>2802.3AF PSE board (optional)</p>                                                                                                                                                                                                          |
| Expansion Header                | <p>OOB board(optional)</p> <p>5G Daughter Board (optional)</p>                                                                                                                                                                                                                                                        |
| Security                        | <p>DP Daughter Board (optional)</p> <p>TPM 2.0 supported</p> <p>Voltage: DC 12~24V</p>                                                                                                                                                                                                                                |
| Power requirement               | <p>Current: DC IN Jack on board: 10A MAX</p> <p>ATX 4pin: 10A MAX</p>                                                                                                                                                                                                                                                 |
| Power Cord                      | 19V/4.73A adapter and US/JP/EU/UK/TW/AU/CN power cord (optional)                                                                                                                                                                                                                                                      |
| Thermal solution                | Heat sink with fan (optional)                                                                                                                                                                                                                                                                                         |
| Buttons                         | Power and Recovery                                                                                                                                                                                                                                                                                                    |
| RTC Battery                     | Support RTC battery and Battery Life Monitoring by MCU                                                                                                                                                                                                                                                                |
| PCB/Electronics Mechanical Info | 113mm(L) x 105 mm(W) (4.45" x 3.43")                                                                                                                                                                                                                                                                                  |
| Certifications                  | <p>Weight: 101 g</p> <p>CE, FCC, VCCI, KC (TBD)</p>                                                                                                                                                                                                                                                                   |
| Package                         | 1x D131S Carrier board screws                                                                                                                                                                                                                                                                                         |