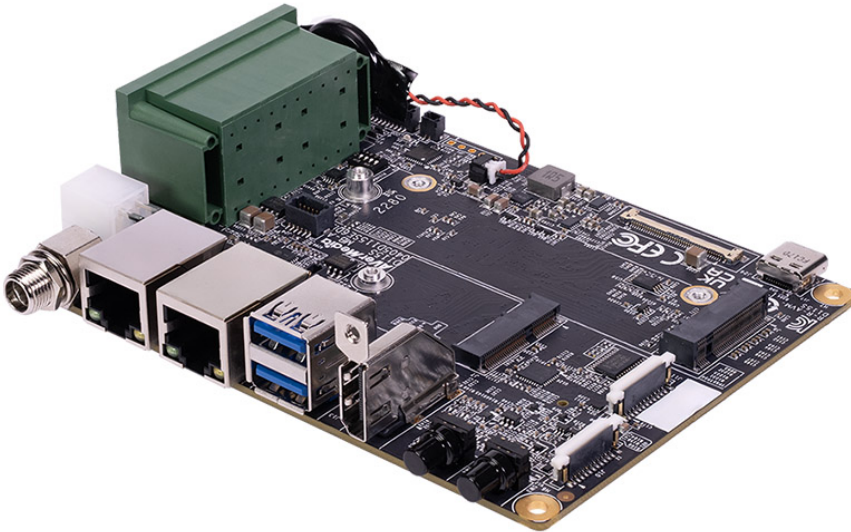


319.00 EUR

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

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



AVerMedia's AI Carrier board D115S applies to NVIDIA® Jetson Orin NX/Orin Nano module. This efficient system-on-module (SoM) opens new worlds of embedded IoT applications with full analytic capabilities.

D115S 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.

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

Stay Ahead with AVerCooler – Achieving 5°C Lower Operation under Others' Regular Workload for Enhanced NVIDIA Jetson Efficiency, Extended Lifespan, and Superior Performance.

- Applies to NVIDIA® Jetson Orin NX/Orin Nano
- Support super mode
- 2 x 4 Lane MIPI CSI-2 MIPI Camera input
- 2 x M.2. for WIFI and SSD and 1 x HDMI output
- 2 x GbE RJ-45 (Optional: Ethernet 1 supports PoE ; Ethernet 2 can be used for OOB management via NC-SI)
- 1 x OOB for Power cycling and Cloud serial console (Optional)
- 1 x 5G daughter board for 4G/5G/capture card functions (Optional)
- 20-pin expansion header
- Operating temperature: -40°C ~ 85°C
- Dimension: W: 126mm x L: 96mm (TBD)

**Model
Type**

NVIDIA GPU SoC Module Compatibility

**D115S
Carrier Board**

**NVIDIA® Jetson Orin NX 16G/8G module
NVIDIA® Jetson Orin Nano 8G module**

Super Mode Support

	2x GbE RJ-45
Networking	(Optional: Ethernet 1 for PoE* ; Ethernet 2 can be used with OOB for NC-SI function)** 1xM.2. key E 2230 for wifi
Display Output	1 x HDMI output 3840 x 2160 at 60Hz for Orin NX, 30Hz for Orin Nano
Temperature	Operating temperature -40°C~85°C Storage temperature -40°C ~ 85°C Relative humidity 40 °C @ 95%, Non-Condensing
MIPI Camera Inputs (internal)	2x 4 lane MIPI CSI-2, 22 pin FPC 0.5mm Pitch Connector
USB	1x USB 2.0 type C for recovery 2x USB 3.2 Type-A (Native 10Gbps per port)
Storage	1x M.2. key M 2280 for NVMe 20 pins: 2x I2C, 2x UART, 4x GPIOs, 1xCAN (EU terminal block)***
Expansion Header	40 pins: support 4G/5G/capture card functions via daughter board (optional, sold separately) 15 pins & 10 pins: support OOB module (optional, sold separately) TPM 2.0 supported
Security	DC in JACK on board & ATX 4pin 12V/5A, 12V~24V is recommended. US/JP/EU/UK/TW/AU/CN (optional)
Power requirement	Heat sink with fan (optional)
Power Cord	Power and Recovery
Thermal solution	Support RTC battery and Battery Life Monitoring by MCU
Buttons	126mm (W) x 96mm (L) x 26.5mm (H) (TBD)
RTC Battery	Weight: 125g (TBD)
PCB/Electronics Mechanical Info	CE, FCC, VCCI, KC (TBD)
Certifications	1x D115S Carrier board
Package	Terminal blocks and screws