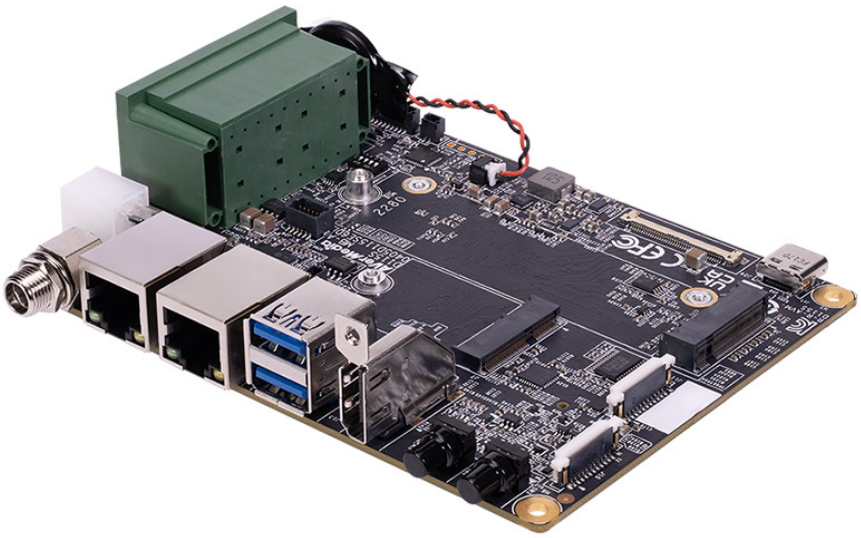

319.00 EUR
incl. 19% VAT, plus shipping

- 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 JetPackTM 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	**D115S**
Type	**Carrier Board**
NVIDIA GPU SoC Module Compatibility	**NVIDIA® Jetson Orin NX 16G/8G module** **NVIDIA® Jetson Orin Nano 8G module**
	Super Mode Support

Networking	2x GbE RJ-45 (Optional: Ethernet 1 for PoE* ; Ethernet 2 can be used with OOB for NC-SI function)**
Display Output	1xM.2. key E 2230 for wifi 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
Expansion Header	20 pins: 2x I2C, 2x UART, 4x GPIOs, 1xCAN (EU terminal block)*** 40 pins: support 4G/5G/capture card functions via daughter board (optional, sold separately) 15 pins & 10 pins: support OOB module (optional, sold separately)
Security	TPM 2.0 supported
Power requirement	DC in JACK on board & ATX 4pin 12V/5A, 12V~24V is recommended.
Power Cord	US/JP/EU/UK/TW/AU/CN (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	126mm (W) x 96mm (L) x 26.5mm (H) (TBD) Weight: 125g (TBD)
Certifications	CE, FCC, VCCI, KC (TBD)
Package	1x D115S Carrier board Terminal blocks and screws