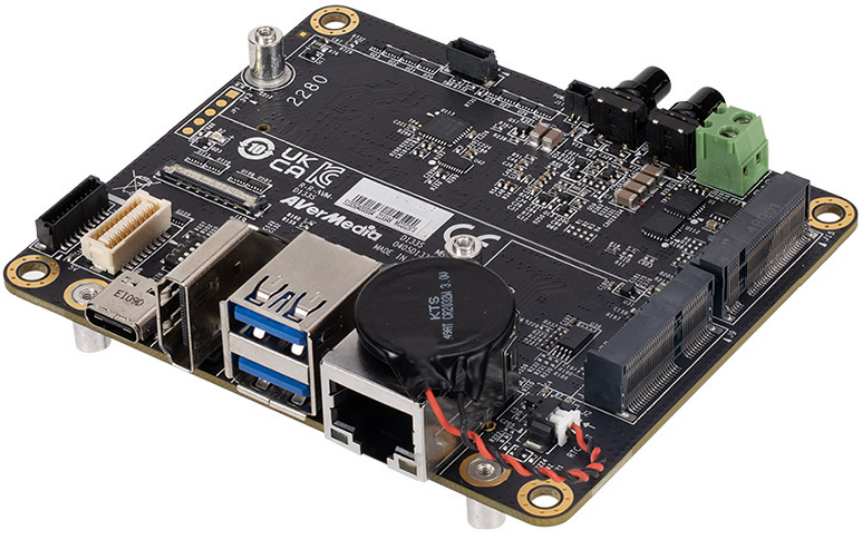

239.00 EUR
incl. 19% VAT, plus shipping

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

AVerMedia's D133S Carrier Board support 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

D133S 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 JetPackTM SDK.

- Applies to NVIDIA® Jetson Orin NX/ Orin Nano module
- Supports super mode
- 1 x HDMI output
- 1 x GbE & 2 x USB 3.2
- 2 x M.2 for SSD/wifi
- 20-pin expansion header
- 1 x OOB for Power cycling and Cloud serial console (Optional)
- 1 x 5G daughter board for 4G/5G functions (Optional)
- Operating temperature: -40°C ~ 85°C
- Dimension: W: 90mm x L: 76mm x H: 27mm

Model	**D133S**
Type	**Carrier Board**
NVIDIA GPU SoC Module Compatibility	**NVIDIA® Jetson Orin NX/ Orin Nano module**
	Super Mode Support
Networking	**1 x GbE RJ-45**
	1 x M.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)	2 x 4 lane MIPI CSI-2, 22 pin FPC 0.5mm Pitch
USB	1 x USB 2.0 type C for recovery 2 x USB 3.2 Type-A
Storage	2x NVMe M.2 Key M 2280 (1x only support S1 Type Top side component SSD)
TPM	Built in Infineon SLB 9672 TPM Chip
Expansion Header	20 pins: 2x I2C, 1x UART, 9x GPIOs 15 pins: support OOB module (optional, sold separately)* 5 pins & 30 pins: support 4G/5G functions via daughter board (optional, sold separately)*
Security	TPM 2.0 supported
Input Power	3.5mm Screw Terminal; 12V/5A, 9V~24V is recommended.
Power Cord	US/JP/EU/UK/TW/AU/CN (optional)
Thermal solution	Fan solution (12V fan wafer)
Buttons	Power and Recovery
RTC Battery	Support RTC battery and Battery Life Monitoring by MCU
PCB/Electronics Mechanical Info	90mm x 76mm (3.54” x 2.99”) W/O mounting hole Weight: 70g
Certifications	CE, FCC, VCCI, KC (TBD)
Package	1x D133S Carrier board DC IN jack cable screws