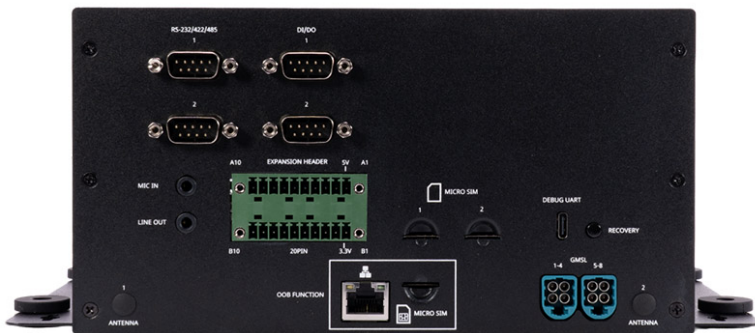




8499.00 EUR

incl. 19% VAT, plus shipping

- **NVidia Jetson Thor T5000 !**
- **FANLESS !**



- Embedded NVIDIA Jetson T5000
- 2x GbE RJ-45
- 1x QSFP (4× 25 GbE)
- 1x M.2 Key E 2230 for WIFI 6
- 1x M.2 Key B 3350 for 4G/5G
- 2x M.2. key M 2280 for SSD
- 1x mPCIe for GNSS
- 4x CAN BUS & 4 x PWM
- 2x HDMI 2.0 (3840x2160 at 60Hz)
- 1 x USB-C (remove DP Alt mode), USB-PD 3.1
- 4x USB 3.2 Type-A
- 1x 120pin for GMSL camera board
- 1x JTAG
- Optional 8x PoE & 8xUSB (via daughter board)
- Operating temperature: -25 to 50°C (BOX PC)
- Dimension: W: 211mm x L: 194mm x H: 115mm

AVerMedia's D331ATB equips powerful NVIDIA Jetson T5000™/Jetson T4000™. This efficient system-on-module (SoM) opens new worlds of embedded IoT applications with full analytic capabilities.

D331ATB 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.

Model	D331ATB
Type	BoxPC
NVIDIA Module Compatibility	NVIDIA Jetson T5000
Networking	<ul style="list-style-type: none">•2x GbE RJ-45 (OOB on board, one port is NCSI)•1x QSFP for 4x25GbE•1x M.2 key E 2230 for wifi 6•1x M.2 Key B for 5G 2x SIM Slot for 4G/5G module dual sim support
Display Output	2 x HDMI output (3840 x 2160 at 60Hz)
Temperature	<ul style="list-style-type: none">• Operating temperature: -25 to 50°C• Storage temperature -40°C ~ 85°C• Relative humidity 40 °C @ 95%, Non-Condensing
Camera Inputs	1x 120pin for GMSL camera board
USB	<ul style="list-style-type: none">• 1x USB 3.2 Type-C for BSP install• 1x USB 3.1 Type-C• 4x USB 3.2 Type-A• Optional 8x USB3.2 Type-A (via daughter board)
Audio	2x 3.5mm phone jack for Mic in & line out.

Model	D331ATB
Storage	<ul style="list-style-type: none"> • 2x NVMe M.2 Key M 2280 • 1x NVMe M.2 Key M 2280 x2 PCIe Gen5 (8xPoE, 8xUSB) • 1x NVMe M.2 Key M 2280 x4 PCIe Gen5
TPM	TI SLB9672XU2.0 on board
Expansion	<ul style="list-style-type: none"> • 2x10 Euro Terminal Block (1x CAN-FD (Isolated 3KV), 3x CAN) • IO Board COMx1 & DB9 DI/DO <ul style="list-style-type: none"> - UART to RS232/RS485/RS422 (DIP switch for programmable) -4xDI/4xDO with 20mA driver • IO Board COMx1 & DB9 DI/DO: <ul style="list-style-type: none"> -UART to RS232/RS485/RS422 (DIP switch for programmable) -4xDI/4xDO with 20mA driver • 2x 5-pin JTAG connector • 1x 40pin coaxial connector for PCIe expansion (daughter board) • Samtec 240P Board to Board (PCIe x8 / RGMII /VDD_9~10)
GPS	1xmPCIe for Optional Dual-RTK GNSS support (via daughter board)
Sensor	Temperature sensor for PCB top/bot Temperature measure
Power requirement	Terminal block 3Pin & Mini-fit 6pin (Internal) 9~36V DC Input ACC IN / IGN Control (ACC optional, via switch)

Model**D331ATB**

Thermal Solution

- 1x SOM FAN
- 2x Chassis Fan (12V fan wafer)

Buttons

Power and Recovery

LED

1x system power
1x input power

RTC Battery

Support RTC battery and battery life monitoring by MCU

PCB/Electronics Mechanical Info

- W: 211mm x L: 194mm x H: 115mm
- Weight: 3KG (TBD)

Certifications

CE, FCC, VCCI, KC (TBD)

Package

1x Carrier board

Screws

Nuts