

8499.00 EUR

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

- NVidia Jetson Thor T5000 !
- FANLESS !



- Embedded NVIDIA Jetson T5000
- 2x GbE RJ-45
- 1x QSFP (4x 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.

|                             |                                                                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Model</b>                | <b>D331ATB</b>                                                                                                                        |
| Type                        | BoxPC                                                                                                                                 |
| NVIDIA Module Compatibility | NVIDIA Jetson T5000                                                                                                                   |
|                             | <ul style="list-style-type: none"> <li>•2x GbE RJ-45 (OOB on board, one port is NCSI)</li> <li>•1x QSFP for 4x25GbE</li> </ul>        |
| Networking                  | <ul style="list-style-type: none"> <li>•1x M.2 key E 2230 for wifi 6</li> <li>•1x M.2 Key B for 5G</li> </ul>                         |
| Display Output              | 2x SIM Slot for 4G/5G module dual sim support<br>2 x HDMI output (3840 x 2160 at 60Hz)<br>Operating temperature: -25 to 50°C          |
| Temperature                 | Storage temperature -40°C ~ 85°C                                                                                                      |
| Camera Inputs               | Relative humidity 40 °C @ 95%, Non-Condensing<br>1x 120pin for GMSL camera board<br>1x USB 3.2 Type-C for BSP install                 |
| USB                         | 1x USB 3.1 Type-C<br>4x USB 3.2 Type-A<br>Optional 8x USB3.2 Type-A (via daughter board)                                              |
| Audio                       | 2x 3.5mm phone jack for Mic in & line out.                                                                                            |
| Storage                     | 2x NVMe M.2 Key M 2280<br>1x NVMe M.2 Key M 2280 x2 PCIe Gen5 (8xPoE, 8xUSB board, either one)<br>1x NVMe M.2 Key M 2280 x4 PCIe Gen5 |
| TPM                         | TI SLB9672XU2.0 on board                                                                                                              |

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 | <p>2x10 Euro Terminal Block (1x CAN-FD (Isolated 3KV), 3x CAN-FD with Transceiver, +5V output 1A , +3.3V output 1A,UART, I2C)</p> <p>IO Board COMx1 &amp; DB9 DI/DO</p> <p>- UART to RS232/RS485/RS422 (DIP switch for programable)</p> <p>-4xDI/4xDO with 20mA driver</p> <p>IO Board COMx1 &amp; DB9 DI/DO:</p> <p>-UART to RS232/RS485/RS422 (DIP switch for programable)</p> <p>-4xDI/4xDO with 20mA driver</p> |
| Expansion                       | <p>2x 5-pin JTAG connector</p> <p>1x 40pin coaxial connector for PCIe expansion (daughter board 8xPSE/8xUSB )</p> <p>Samtec 240P Board to Board (PCIe x8 / RGMII /VDD_9~12V / USB 3.0/USB 2.0/GPIOs /I2C (Via Daughter board)</p>                                                                                                                                                                                   |
| GPS Sensor                      | <p>1xPCIe for Optional Dual-RTK GNSS support (via daughter board)</p> <p>Temperature sensor for PCB top/bot Temperature measure</p> <p>Terminal block 3Pin &amp; Mini-fit 6pin (Internal)</p>                                                                                                                                                                                                                       |
| Power requirement               | <p>9~36V DC Input</p> <p>ACC IN / IGN Control (ACC optional, via switch)</p>                                                                                                                                                                                                                                                                                                                                        |
| Thermal Solution                | <p>1x SOM FAN</p> <p>2x Chassis Fan (12V fan wafer)</p>                                                                                                                                                                                                                                                                                                                                                             |
| Buttons                         | <p>Power and Recovery</p>                                                                                                                                                                                                                                                                                                                                                                                           |
| LED                             | <p>1x system power</p> <p>1x input power</p>                                                                                                                                                                                                                                                                                                                                                                        |
| RTC Battery                     | <p>Support RTC battery and battery life monitoring by MCU</p> <ul style="list-style-type: none"> <li>• W: W: 211mm x L: 194mm x H: 115mm</li> <li>• Weight: 3KG (TBD)</li> </ul>                                                                                                                                                                                                                                    |
| PCB/Electronics Mechanical Info |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Certifications                  | <p>CE, FCC, VCCI, KC (TBD)</p> <p>1x Carrier board</p>                                                                                                                                                                                                                                                                                                                                                              |
| Package                         | <p>Screws</p> <p>Nuts</p>                                                                                                                                                                                                                                                                                                                                                                                           |