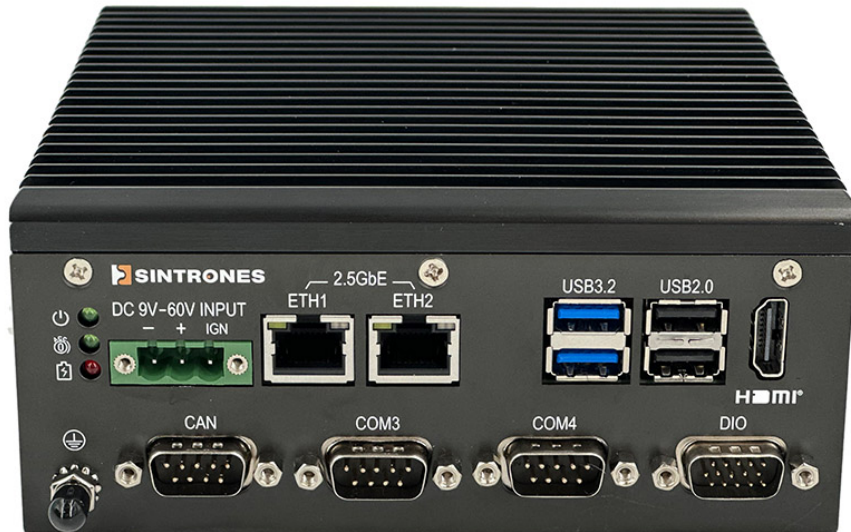


0.00 EUR

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

- DIN-rail !
- 2x 2.5GbE !
- RJ45 !
- Backup Batterie Support !



- Industrial Grade Amston Lake Processor and Ethernet Controller
- Intel® Twin Lake Processor SKU Available
- 2 x 2.5GbE for IoT Devices Connectivity
- 1 x Built-in CAN FD for Vehicle Device Communication
- Dual NVMe SSD Support for NVR Applications
- Built-in Watchdog and Smart Power Management for System Health Monitoring
- Supports DIN-rail and Wall-mount Installation

#### Prozessor / Graphics

#### Memory

#### Security

**Intel N150**

**Intel Graphics**

**1 x SO-DIMM DDR5 up to 16 GB**

**1 x TPM 2.0**

**Watchdog: Auto reset for unresponsive system**

|                          |                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------|
|                          | 1 x HDMI® with support for 4K@60Hz as specified in HDMI 2.0b                                                     |
|                          | 1 x Line-out, 1 x Mic-in (Optional)                                                                              |
|                          | • 1 x 2.5GbE from I226-IT via RJ-45 or M12 X-code for PoE model                                                  |
|                          | • 4 x GbE* from Marvell Ethernet Switch w/ PoE (PSE Class 3: 15W) via RJ-45 or M12 X-code                        |
| Interface                | * Share with 1GbE bandwidth; Power budget: 60W                                                                   |
|                          | **Non-PoE model: 2 x 2.5GbE                                                                                      |
|                          | 1 x CAN 2.0                                                                                                      |
|                          | 2 x USB 3.2, 2 x USB 2.0                                                                                         |
|                          | 2 x RS-232/422/485 ports, expandable with 4 optional COM ports                                                   |
|                          | 8 x DI (9-60VDC), 4 x DO (12VDC/100mA)                                                                           |
| INTERNAL EXPANSION       | 1 x M.2 3042/3052 Key B for WWAN with dual Nano SIM support                                                      |
|                          | • 1 x M.2 2230 Key E for Wi-Fi/BT                                                                                |
|                          | • 1 x M.2 2280 Key M for NVMe SSD                                                                                |
|                          | • 1 x M.2 2280 Key M for NVMe/SATA SSD                                                                           |
| STORAGE (Internal)       | Windows 11 IoT Enterprise LTSC, Ubuntu 22.04/24.04 LTS                                                           |
| Operating System / SDK   | Processor N150: -30°C ~70°C (-22°F~158°F) with 0.6m/s airflow * Operating temp. varies by accessories installed. |
| Operating Temp.          | -40 ~ 80°C (-40°F ~ 176°F)                                                                                       |
| Storage Temp.            | 10% RH – 90% RH (non-condensing)                                                                                 |
| Relative Humidity        | CE, FCC Class A, UKCA, E-Mark                                                                                    |
| Certification / Standard | IEC 60068-2-64, random, 2.5G@5–500Hz, 1hr/axis                                                                   |
| Vibration                | MIL-STD-810H, Method 514.8, Procedure I, Category 4                                                              |
| Shock                    | MIL-STD-810H, Method 516.8, Procedure I, trucks and semi-trailers=15G (11ms)                                     |
| Ingress Protection       | IP40                                                                                                             |
|                          | DC 9 – 60V Input                                                                                                 |
|                          | Ignition detection, Smart Power Management                                                                       |
| Power                    | Battery Backup Unit (BBU)                                                                                        |
|                          | Backup battery for system power backup                                                                           |
|                          | * Non-PoE model only                                                                                             |
|                          | Aluminum Alloy with Fanless Design                                                                               |
|                          | 6 x SMA connector panel mount hole                                                                               |
| Mechanical               | DIN rail, Wall-mount                                                                                             |
|                          | 1.90kg (4.19 lb)                                                                                                 |
|                          | M12 PoE model: 150 x 150 x 87 mm (5.91 x 5.91 x 3.43 in.)                                                        |
|                          | VBOX-3132P-yyy-zz                                                                                                |
|                          | (yyy=M12X=M12 interface, yyy = Empty=RJ-45 interface; zz=A8=Intel Atom x7835RE, zz=A4=Intel Atom® x7433RE)       |
| ORDERING INFORMATION     | VBOX-3132-D25-M12X-zz                                                                                            |
|                          | (zz=A8=Intel Atom® x7835RE, zz=N4=Intel® Processor N150)                                                         |
|                          | VBOX-3132-D25-zz                                                                                                 |
|                          | (zz=N4=Intel® Processor N150)                                                                                    |