

1489.00 EUR
incl. 19% VAT, plus [shipping](#)

- DIN-rail !
- 1x 2.5GbE / 4x GbE !
- M12 !
- 4x PoE !



Support: [Specifications](#)

- Industrial Grade Amston Lake Processor and Ethernet Controller
- Intel® Twin Lake Processor SKU Available
- 1 x 2.5GbE, 4 x PoE Ports 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

Intel Atom® x7433RE Quad-core Processor up to 3.4 GHz

Intel® Twin Lake

Memory

1 x SO-DIMM DDR5 up to 16 GB

1 x TPM 2.0

Security

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 | -40°C ~ 70°C (-40°F ~ 158°F) with 0.6 m/s airflow |
| 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 6068-2-64, 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 |
| Power Input | DC 9 – 60V Input Ignition detection, Smart Power Management |
| | 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) |