



1409.00 EUR

incl. 19% VAT, plus shipping

- **DIN-rail !**
- **1x 2.5GbE / 4x GbE !**
- **RJ45 !**
- **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® x7835RE Octa-core Processor up to 3.6 GHz
Intel UHD Graphics**

Memory

1 x SO-DIMM DDR5 up to 16 GB

Prozessor / Graphics	Intel Atom® x7835RE Octa-core Processor up to 3.6 GHz Intel UHD Graphics
Security	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)
Interface	<ul style="list-style-type: none"> • 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 or M12 X-code * 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
STORAGE (Internal)	<ul style="list-style-type: none"> • 1 x M.2 2280 Key M for NVMe SSD • 1 x M.2 2280 Key M for NVMe/SATA SSD
Operating System / SDK	Windows 11 IoT Enterprise LTSC, Ubuntu 22.04/24.04 LTS
Operating Temp.	-40°C ~ 70°C (-40°F ~ 158°F) with 0.6 m/s airflow
Storage Temp.	-40 ~ 80°C (-40°F ~ 176°F)
Relative Humidity	10% RH – 90% RH (non-condensing)
Certification / Standard	CE, FCC Class A, UKCA, E-Mark
Vibration	IEC 60068-2-64, random, 2.5G@5~500Hz, 1hr/axis 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)

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Ingress Protection IP40

Power Input DC 9 – 60V Input
Ignition detection, Smart Power Management

Mechanical Aluminum Alloy with Fanless Design
6 x SMA connector panel mount hole
DIN rail, Wall-mount

1.90kg (4.19 lb)

RJ-45 model: 150 x 150 x 65 mm (5.91 x 5.91 x 2.56 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)