

1669.00 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® x7835RE Octa-core Processor up to 3.6 GHz

Intel UHD Graphics

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)

Interface

- 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
- * 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

INTERNAL EXPANSION

8 x DI (9-60VDC), 4 x DO (12VDC/100mA)

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)
Operating System / SDK
Operating Temp.

Windows 11 IoT Enterprise LTSC, Ubuntu 22.04/24.04 LTS

-40°C ~ 70°C (-40°F ~ 158°F) with 0.6 m/s airflow

-40 ~ 80°C (-40°F ~ 176°F)

Storage Temp.
Relative Humidity
Certification / Standard

10% RH – 90% RH (non-condensing)

CE, FCC Class A, UKCA, E-Mark

IEC 60068-2-64, random, 2.5G@5~500Hz, 1hr/axis

MIL-STD-810H, Method 514.8, Procedure I, Category 4

Vibration

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)