



1239.00 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® x7433RE Quad-core Processor up to 3.4 GHz  
Intel® Twin Lake**

**Memory**

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

<b>Prozessor / Graphics</b>	<b>Intel Atom® x7433RE Quad-core Processor up to 3.4 GHz Intel® Twin Lake</b>
<b>Security</b>	<b>1 x TPM 2.0 Watchdog: Auto reset for unresponsive system</b>
	<b>1 x HDMI® with support for 4K@60Hz as specified in HDMI 2.0b</b>
	<b>1 x Line-out, 1 x Mic-in (Optional)</b>
<b>Interface</b>	<ul style="list-style-type: none"> <li>• 1 x 2.5GbE from I226-IT via RJ-45 or M12 X-code for PoE model</li> <li>• 4 x GbE* from Marvell Ethernet Switch w/ PoE (PSE Class 3: 15W) via or M12 X-code</li> <li>* Share with 1GbE bandwidth; Power budget: 60W</li> <li>**Non-PoE model: 2 x 2.5GbE</li> </ul>
	<b>1 x CAN 2.0</b>
	<b>2 x USB 3.2, 2 x USB 2.0</b>
	<b>2 x RS-232/422/485 ports, expandable with 4 optional COM ports</b>
	<b>8 x DI (9-60VDC), 4 x DO (12VDC/100mA)</b>
<b>INTERNAL EXPANSION</b>	<b>1 x M.2 3042/3052 Key B for WWAN with dual Nano SIM support</b>
	<b>• 1 x M.2 2230 Key E for Wi-Fi/BT</b>
<b>STORAGE (Internal)</b>	<ul style="list-style-type: none"> <li>• 1 x M.2 2280 Key M for NVMe SSD</li> <li>• 1 x M.2 2280 Key M for NVMe/SATA SSD</li> </ul>
<b>Operating System / SDK</b>	<b>Windows 11 IoT Enterprise LTSC, Ubuntu 22.04/24.04 LTS</b>
<b>Operating Temp.</b>	<b>-40°C ~ 70°C (-40°F ~ 158°F) with 0.6 m/s airflow</b>
<b>Storage Temp.</b>	<b>-40 ~ 80°C (-40°F ~ 176°F)</b>
<b>Relative Humidity</b>	<b>10% RH – 90% RH (non-condensing)</b>
<b>Certification / Standard</b>	<b>CE, FCC Class A, UKCA, E-Mark</b>
<b>Vibration</b>	<b>IEC 60068-2-64, random, 2.5G@5~500Hz, 1hr/axis MIL-STD-810H, Method 514.8, Procedure I, Category 4</b>
<b>Shock</b>	<b>MIL-STD-810H, Method 516.8, Procedure I, trucks and semi-trailers=15G (11ms)</b>

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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)