Sintrones VBOX-3132P-M12X-A8 (Intel Atom x7835RE, Fanless Rugged Edge Computer, M12, 4x PoE)

[http://www.cartft.com/catalog/il/3741]

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**

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Security	**1 x TPM 2.0** **Watchdog: Auto reset for unresponsive system**
Interface	**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 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 × 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)	**• 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)**

Prozessor / Graphics	**Intel Atom® x7835RE Octa-core Processor up to 3.6 GHz** **Intel UHD Graphics**
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)** **M12 PoE model: 150 x 150 x 87 mm (5.91 x 5.91 x 3.43 in.)**
ORDERING INFORMATION	**VBOX-3132P-yyy-zz** **(yyy=M12X=M12 interface, yyy = Empty=RJ-45 interface; zz=A8=Intel At** **x7835RE, zz=A4=Intel Atom® x7433RE)** **VBOX-3132-D25-M12X-zz** **(zz=A8=Intel Atom® x7835RE, zz=N4=Intel® Processor N150)** **VBOX-3132-D25-zz** **(zz=N4=Intel® Processor N150)**