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998.00 EUR

incl. 19% VAT, plus shipping

- Fanless!
- Auto Power On/Off!
- 2x LAN ! 4x RS232 !
- VBOX-3123-R2312

- AMD Ryzen™ Embedded R2312 2C/4T Processor
- Dual HDMI® supports resolution specified in HDMI® 2.0b
- 1 x M.2 2280 M Key supports NVMe or SATA SSD
- 1 x M.2 3042/52 B Key supports USB 3.2 for WWAN w/ Dual SIM
- 1 x M.2 2230 E Key supports PCle and USB 2.0 for Wi-Fi/BT
- 9 60VDC Wide Power Input

The AMD Ryzen™ Embedded R2000 Series SoCs boost the Ryzen™ Embedded mid-range processor portfolio to new heights by bringing together the "Zen+" x86 core architecture with high-performance AMD Radeon™ graphics. Compared to the legacy R1000 Series, the R2000 Series provides up to 2X the CPU core count1, Radeon™ graphics supporting up to 4 independent 4K displays and up to 2X the I/O connectivity2 targeting Industrial and Robotics Systems, Machine Vision, IoT, Thin Clients and more.

With thermal design power (TDP) spanning from 12W to 54W, AMD Ryzen™ Embedded R2000 Series SoCs provide thermal agility for compact system designs to help streamline design efficiencies and BOM costs. They provide pin-to-pin package compatibility and a common software foundation with legacy AMD Ryzen™ Embedded R1000 and V1000 Series SoCs while delivering significant performance and connectivity boosts from previous R-Series families.

For a full PC you need in addition:

- 1x 2.5" HDD/SSD oder m.2 SSD
- 1x DDR-IV SO-DDR-RAM (up to 32Gb)

The PC is completely fanless and is equipped with an AMD Ryzen Embedded R2312 CPU.



FleetPC-5-C Car-PC (AMD Ryzen R2312, 9-60V Automotive Netzteil, 2x LAN, 2 x HDMI, 1 x DVI-D)

[FANLESS]

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CPU AMD Ryzen™ Embedded R2312 2C/4T Processorg.

Memory DDR4-2400/2666/3200 SO-DIMM, 8GB~32GB, -40~85°C (ECC Option Available)

Watchdog Timer Support, Offer 1 – 255 Step

TPM 2.0

Watchdog 1 ~ 255 Level Reset

Graphics Engine CPU Built-in Graphics AMD Radeon™ Graphics

4 x RS-232/422/485

2 x USB 3.2 Gen 2, 2 x USB 2.0 2 x I210-AT GbE RJ-45 port 2 x HDMI® 2.0b, 1 x DVI-D

External I/O Connectors *Only supports Single-Link DVI-D cables

4 x DI (9~60V) / 4 x DO (5V / 100mA) 2 x Analog Input (0~60V w/0.5V accuracy)

1 x MIC-in, 1 x Line-out

1 x M.2 3042/52 Key B supports USB 3.2 WWAN w/ Dual SIM

internal I/O 1 x M.2 2230 Key E supports PCIe and USB2.0 Wi-Fi/BT

2 x mPCIe full size slot supports USB 2.0 4 x Pre-cut Hole for External SMA Antenna

1 x M.2 2280 Key M supports NVMe or SATA SSD

Storage

Antenna

1 x 2.5" SATA SSD

Mechanical Aluminum Alloy

Wall-mount, VESA-mount, Din Rail Mounting Kit
Dimensions 210 x 171 x 56 mm (w/ mounting kit) / 1800g
Operating Temp. -40 \sim 60°C (with SSD), ambient w/ 0.6m/s airflow

Storage Temp. -40°C ~ 85°C

- Relative Humidity 10% RH - 90% RH (non-condensing)

- Vibration: MIL-STD-810G, Method 514.6, Procedure I, Category 4 with SSD

Enviremental - Shock: MIL-STD-810G, Method 516.6, Procedure I,

Trucks and semi-trailers=15G (11ms) with SSD

- Certification: CE, FCC Class A, UKCA, E-Mark

DC 9 - 60V Input (Ignition Management for Variety Vehicle)

Over voltage and reverse polarity protection

OPTIONAL: Internal battery Kit for about 10 mins operating

Power *UPS backup time varies depending on actual overall system power consumption.

*Operating temperature will be 0~55°C with the battery kit.

Patent No.: M447854 - Build-in Battery

Software Windows 10/11 IoT 64-bit, Ubuntu 20.04/22.04 LTS 64-bit