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## Support: 📩 Specifications | Drivers (Win10-64) | Test Tools

The FleetPC-10 Edge Computing carpc-system is suitable for various factory automation and Industrial Internet of Things (IIoT) control system in large-scale processes such as mining and manufacturing. It is powered by Intel 9th Gen Core i7 and 6x RJ45 GbE (optional 4x PoE Max. 100W). FleetPC-10 features TPM 2.0 and 2x DDR4 2400/2666 MHz SO-DIMM memory up to 32GB. Furthermore, the environmental tolerance continually maintains a wide range of operating temperatures (-40 ~ 70 °C). In addition, it provides Intel UHD Graphics 630 with max resolution (HDMI) of 4096x2304.

The FleetPC-10 Car-PC series offers high performance and maximum connectivity and optional integrateable NVIDIA GPU units (1x PCIe 3.0 x16). The 6x LAN ports (optional 4x with POE) and dual hot-swappable 2.5" drive bays (RAID 0/1/5 support) and internal mSATA/M.2 module connector, the system is for example perfect for digital IP video recording applications (police, etc.) and for intensive KI/AI-applications.

2x Mini-PCIe + 2x M.2 slots allow maximum expandability options including LTE, UMTS, 3G, 3.5G, GSM/GPRS, WLAN and Bluetooth. Two SIM card slots enable redundant mobile connectivity with only one single modem card.

4x RS232/422/485, digital In/Out and 4xUSB3.0 allow maximum connectivity. 1x dP connector + 1x HDMI + 1x DVI-I allow the connection of a variety of displays.

Extensive setup and programming options and Watchdog-ability, optional backup battery kit, wide input range (9-48V), extended

## 3189.00 EUR incl. 19% VAT, plus shipping

- EBOX-7000 !
- 4x POE optional !
- 2x MiniPCIe, 2x M.2 !
- Dual Hot Swap SATA !



temperature range (-40° to 70° C) and vibration-/schock-/eMark-certification complete the offer and make the FleetPC-10 series the ultimate platform for any mobile application need.

This MiniPC was especially designed for fleet applications. The Car-PC can be connected directly to the car battery (12V/24V). Based on ignition plus, the PC will start and shutdown.

For a full PC you need in addition :

- 1-2x 2.5" HDD/SSD oder mSATA SSD
- DDRIV SO-DDR-RAM

The PC is completely fanless and is equipped with an Intel Core i7-8700T 6x4.0Ghz CPU.

## Available additional modules:

The PC comes with 7x antenna-output and 3x Mini-PCIe slots. We recommend these modules:

- LTE / HSPA / UMTS / EDGE Mini-PCIe Modem (Huawei ME906E)

- Wireless LAN / Bluetooth Mini-PCI Express [Qcom Combo]

## Features :

- 1x PCIe 3.0 x16 Interface Expansion (optional 2 x PCIe 3.0 x8 Interface)
- 6x RJ45 GbE (optional 4x PoE Max. 100W)
- 8x GPI, 4x GPO and 2x RS-232/422/485
- 1x dP + 1x HDMI + 1x DVI-I (Single Link w/o Analog Video)
- Dual Hot Swappable SATA Storage RAID 0,1,5
- 9-48V DC Input and Operating Temperature range -40~70°C
- TPM 2.0

| Dimensions / Weight   | 260mm W x 250mm D x 137mm H, 7.31kg                              |
|-----------------------|--|
| CPU                   | Intel Core i7-8700T 6x4.0Ghz                                     |
| Chipset / FSB         | Intel Q370   |
| RAM                   | 2x SO-DDR-4 RAM (up to 32GB 2400/2666Mhz)                        |
| Graphics              | Intel UHD Graphics 630   |
| GPS                   | Optional   |
|                       | - 2x Mini-PCIe (PCIe & USB2.0)                                   |
| Expansion             | - 1x M.2 A-E Key 2230 (PCIe & USB2.0)                            |
|                       | - 1x M.2 B Key 2242 (USB3.0)                                     |
| OS Support            | Windows 10, Linux  |
| Vibration & Shock     | MIL-STD-810G   |
| Operating temperature | -40~70°C (with SSD)  |
| Certification         | CE, FCC  |
| I/O                   | - 5x Gigabit LAN (Intel I210-AT) + 1x Gigabit LAN (Intel I219LM, |
|                       | support AMT) [optional 4x port with POE, total max. 100W]        |
|                       | - 4x RS232/422/485   |
|                       | - 4x USB3.0  |
|                       | - DIO port (8in, 4out)   |
|                       | - SPK Out  |
|                       | - MIC-In   |
|                       | - Line-In  |
|                       | - 1x dP  |
|                       | - 1x HDMI  |
|                       | - 1x DVI-I (Single Link without Analog Video)                    |
|                       | - 7x Antenna hole (for eg. GPS, GSM/GPRS/3G, WLAN, Bluetooth)    |



|              | Riser card w/ 1 x PCIe x16 slot (1 x PCIe 3.0 x16 interface w/ 1 x ATX 6 Pin Power supports up to 185mm length and total 90W~150W PCIe cards)  |
|--------------|--|
| Expansion    | Optional riser card w/ 2 x PCIe x16 slot (2 x PCIe 3.0 x8 interface<br>w/ 1 x ATX 6 Pin Power supports up to 185mm length total<br>90W~150W PCIe cards)                              |
|              | *Maximum 90W power supply for PCIe cards when DC 9V system<br>power input is in used. Maximum 150W power supply for PCIe<br>cards requires DC power input to be above 15V.           |
| Drive bays   | 2 x 2.5" SATA HDD/SSD drive bay (Support RAID 0,1,5)<br>1 x mSATA / M.2  |
| Power supply | <ul> <li>9~48V DC PSU included</li> <li>Power off Delay Time Setting by Software, Default 5min</li> <li>Backup Battery Kit (optional, can not be integrated together with</li> </ul> |
| Lieferumfang | <u>POE module at same time)</u><br>- FleetPC-10 PC mit Intel Core i7-8700T (6x4.0Ghz), Halterung   |