



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
Expansion	<ul style="list-style-type: none"> <li>- 2x Mini-PCIe (PCIe &amp; USB2.0)</li> <li>- 1x M.2 A-E Key 2230 (PCIe &amp; USB2.0)</li> <li>- 1x M.2 B Key 2242 (USB3.0)</li> </ul>
OS Support	Windows 10, Linux
Vibration & Shock	MIL-STD-810G
Operating temperature	-40~70°C (with SSD)
Certification	CE, FCC
I/O	<ul style="list-style-type: none"> <li>- 5x Gigabit LAN (Intel I210-AT) + 1x Gigabit LAN (Intel I219LM, support AMT) [optional 4x port with POE, total max. 100W]</li> <li>- 4x RS232/422/485</li> <li>- 4x USB3.0</li> <li>- DIO port (8in, 4out)</li> <li>- SPK Out</li> <li>- MIC-In</li> <li>- Line-In</li> <li>- 1x dP</li> <li>- 1x HDMI</li> <li>- 1x DVI-I (Single Link without Analog Video)</li> <li>- 7x Antenna hole (for eg. GPS, GSM/GPRS/3G, WLAN, Bluetooth)</li> </ul>

Expansion

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)

Drive bays

Optional riser card w/ 2 x PCIe x16 slot (2 x PCIe 3.0 x8 interface w/ 1 x ATX 6 Pin Power supports up to 185mm length total 90W~150W PCIe cards)

Power supply

\*Maximum 90W power supply for PCIe cards when DC 9V system power input is in used. Maximum 150W power supply for PCIe cards requires DC power input to be above 15V.

Lieferumfang

2 x 2.5" SATA HDD/SSD drive bay (Support RAID 0,1,5)

1 x mSATA / M.2

9~48V DC PSU included

- Power off Delay Time Setting by Software, Default 5min

- [Backup Battery Kit \(optional, can not be integrated together with POE module at same time\)](#)

- FleetPC-10 PC mit Intel Core i7-8700T (6x4.0Ghz), Halterung