

3929.00 EUR

incl. 19% VAT, plus [shipping](#)

- ABOX-5210 !
- 10 Core / 20 Threads !
- up to 4.50Ghz !
- 2x M.2 + 3x MiniPCle !



Support: [Datasheet](#)

- Intel® GEN 10th CPU i7-10700TE
- NVIDIA® Quadro® RTX A4500/A2000/3000 & NVIDIA® Quadro® T1000
- Support 1920 CUDA Cores and 240 Tensor Cores
- 8x DI, 4x DO and 3x RS-232/422/485
- 1x M.2 B key, 1x M.2 A-E key & 3 x miniPCle expansion slots
- Dual Hot Swappable SATA Storage RAID 0,1,5
- 9-48V DC Input and Operating Temp.: -40~60°C
- 10x LAN GbE RJ45 (Optional 8x PoE and 8x M12 X coded connectors)
- Rolling Stock EN 50155 certified

The FleetPC-11 Car-PC series offers high performance and maximum connectivity and integrated NVIDIA Quadro® RTX A4500/A2000/3000 & NVIDIA® Quadro® T1000.

The 10x LAN ports 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.

3x Mini-PCle 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.

3x RS232/422/485, 4x digital In/Out and 4xUSB3.0 allow maximum connectivity. 2x HDMI + 3x dP (from RTX GPU) connectors allow the connection of a variety of displays. The integrated graphics unit supports DirectX 12, Vulkan, OpenGL 4.5, OpenCL and CUDA.

Extensive setup and programming options and Watchdog-ability, optional backup battery kit, wide input range (9-48V), extended temperature range (-40° to 70° C) and vibration-/schock-/eMark-certification complete the offer and make the FleetPC-11 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 m.2 SSD
- DDRIV SO-DDR-RAM

The PC is completely fanless and is equipped with an Intel Core i7-10700TE.

#### Available additional modules:

The PC comes with 6x antenna-output, 2x M.2 Slot and 3x Mini-PCIe slots.

We recommend these modules:

- [LTE / HSPA / UMTS / EDGE Mini-PCIe Modem \(Huawei ME909s-120\)](#)
- [Wireless LAN / Bluetooth Mini-PCI Express \[Qcom Combo\]](#)

#### Features :

- Fanless
- 10th Gen Intel® i7-10700TE
- NVIDIA® Quadro® RTX A4500/A2000/3000 & NVIDIA® Quadro® T1000
- 8 x DI, and 4 x DO and 3 x RS-232/422/485
- 1 x M.2 B key, 1 x M.2 A-E key & 3 x Mini PCIe expansion slots
- Dual Hot-swappable SATA Storage RAID 0,1,5
- 9~48V DC Power Input
- 10 x GbE RJ45 (Optional 8 x PoE & 8 x M12 X-Code Connectors)
- Rolling Stock EN 50155 & EN 50121-3-2 Certified

|             |                                                                                                                 |
|-------------|-----------------------------------------------------------------------------------------------------------------|
| CPU         | Intel Gen10 Xeon W-1290TE (20M Cache 1.8GHz up to 4.6GHz)*                                                      |
|             | Intel Gen10 Core i9-10900TE (20M Cache 1.8GHz up to 4.5GHz)                                                     |
|             | Intel Gen10 Core i7-10700TE (16M Cache 2.0GHz up to 4.4GHz)                                                     |
|             | Intel Gen10 Core i5-10500TE (12M Cache 2.3GHz up to 3.7GHz)                                                     |
|             | Intel Gen 10 Core i3-10100TE (6M Cache 2.3GHz up to 3.6GHz)                                                     |
|             | Intel Gen10 Core G5900TE (4M Cache 3.0GHz)                                                                      |
|             | *Use only with Intel W480E                                                                                      |
| Chipset     | Q470E / W48E                                                                                                    |
| Memory      | 2 x DDR4 2666/2933 MHz SO-DIMM up to 64GB (Optional ECC support with Xeon W-1290TE)                             |
| LAN Chipset | 9 x Intel i210-AT and 1 x i219LM (iAMT9.5 w/ i5, i7 only) Gb/s Ethernet Controllers Onboard Support PXE and WOL |
| Watchdog    | 1 ~ 255 Level Reset                                                                                             |
| TPM         | 2.0                                                                                                             |
| Serial Port | 3 x RS 232/422/485 (option additional 1 x RS 232/422/485)                                                       |
| USB Port    | 4 x USB 3.2 5Gbps Ports                                                                                         |
| LAN         | 10 x RJ45 Ports for GbE (Optional 8 with M12 X coded connectors and 8 x POE total Max.120W)                     |
| Video Port  | 3 x DP (Intel built-in GPU), 2 x HDMI Ports (MXM graphics)                                                      |

|                           |                                                                                                                                                                                                                                    |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIO Port                  | 8 xDI (5~48VDC) and 4 x DO (5VDC, 100mA)                                                                                                                                                                                           |
| Audio                     | 1 x Line-out, 1 x Line-in and 1 x Mic-in<br>1x M.2 A-E Key 2230 slot, 1 x M.2 B Key 3042 slot w/ 2 x SIM Card Sockets for WWAN                                                                                                     |
| Expansion Bus             | 2 x Full Mini-PCle Slots and 1 x Full Mini-PCle Slot w/ USB interface only for WWAN sharing 2 x SIM Card Sockets with M.2 B Key 3042 Slot                                                                                          |
| CPU Built-in Graphics     | Intel® UHD Graphics 630 for z9/i9/i7/i5/i3, Intel® UHD Graphics 610 for G5900TE<br>Max Resolution (DP 1.2) : 4096 x 2340 @ 60Hz                                                                                                    |
| MXM Graphics (Optional)   | NVIDIA® Quadro® RTX A4500 Mobile GPU<br>NVIDIA® Quadro® RTX A2000 Mobile GPU<br>NVIDIA® Quadro® RTX 3000 Mobile GPU<br>NVIDIA® Quadro® T1000 Mobile GPU<br>Max Resolution: 1920 x 1080 @ 60Hz without HDMI Audio                   |
| Type                      | 2 x 2.5" Drive Bay for SATA Type HDD/SSD RAID 0, 1, 5<br>1 x M.2 M key 2280 slot supports NVMe and SATA SSD<br>* Thermal heatsink is required for M.2 storage. Please contact sales window for more information.                   |
| Power Input               | 9V -48V DC Power Input                                                                                                                                                                                                             |
| Power Protection          | Automatics Recovery Short Circuit Protection                                                                                                                                                                                       |
| Power Management          | Vehicle Power Ignition for Variety Vehicle                                                                                                                                                                                         |
| Power Off Control         | Power off Delay Time Setting by Software and BIOS                                                                                                                                                                                  |
| Battery Backup (Optional) | Internal Battery Kit for 10 Mins Operating (Charging Temp. 0~45°C, Discharging Temp. -10~60°C)<br>*UPS backup time varies depending on actual overall system power consumption and battery is required to be charged before using. |
| Dimensions (LxWxH)        | 260 x 250 x 95 mm                                                                                                                                                                                                                  |
| Mounting                  | Wall-mount                                                                                                                                                                                                                         |
| Weight                    | 5300g (bare-bone)                                                                                                                                                                                                                  |
| Relative Humidity         | 10% RH – 90% RH (non-condensing)                                                                                                                                                                                                   |
| Operating Temp.           | -40°C ~ 70°C w/0.6 m/s airflow (for barebone system)<br>*The operating temp. varies by accessories installed.                                                                                                                      |
| Storage Temp.             | -40°C ~ 80°C                                                                                                                                                                                                                       |
| Certifications            | CE, FCC Class A, E13, ECE R118, EN50155, EN45545-2 R25<br>M592609 - Automatic SIM Card Detection                                                                                                                                   |
| Patent No. (Taiwan)       | M565941 - Thermal Cooling<br>M447854 - Build-in Battery                                                                                                                                                                            |
| Part Number               | ABOX-5210xyy-zz (x= P= w/PoE, x= Empty= w/o PoE, yy=G6=RTX 3000, yy=G7=T1000, zz=Z9=W-1290TE, zz= i9= i9-10900TE, zz= i7= i7-10700TE, zz= i5= i5-10500TE, zz= i3= i3-10100TE, zz= C1=G5900TE)                                      |
| Description               | Intel 10th Gen 10 Cores Xeon, i9 CPU w/ NVIDIA® Quadro® GPU Option/ 10 x GbE (Optional 8 x PoE)/ 3 x COM/ 3 x DP/ 2 x HDMI/ 4 x USB 3.2 Gen 5Gbps/ 9-48V Input AI GPU Computing                                                    |