



Support:  [Specifications](#) | [Driver \(Windows 10+11\)](#)

FleetPC-12 is a fanless in-vehicle computer with 5G connectivity possibility. It utilizes Intel® 11th Gen Core™ i7-1185G7E CPU up to 4.4GHz. FleetPC-12 features an ultra-compact design measuring 250 x 165 x 55mm, which can easily fit into restricted spaces. The system can select 5G, LTE, GPS, and Wi-Fi / Bluetooth as robust connectivity by M.2 modules. It is a building-in four independent display output, audio line-out, and microphone-in. It is the perfect solution for fleet management, in-vehicle digital signage, and mobile DVR. Furthermore, it features Smarter Vehicle Power Ignition and wireless remote control in various vehicles. FleetPC-12 can effectively support cars in extreme weather and operating conditions, such as snowplows, trucks, buses, taxis, and forklifts.

- 11th Gen Intel® Core™ i7-1185G7E
- Supports Dual 5G / LTE, GPS, Wi-Fi / BT, and CAN Bus
- Wide Range Input 9V – 60VDC with Ignition Control for EV Installations
- 1x 2.5GbE + 3x GbE LAN Port (4x POE)
- Supports 4 Independent Display Outputs: 2 x HDMI, 1 x DP, 1 x DVI-D
- Supports Optional Battery Backup Kit
- E-Mark & EN50155 Certified

For a full PC you need in addition :

- 1-2x 2.5" HDD/SSD oder m.2 SSD
- 2x DDR-IV SO-DDR-RAM

The PC is completely fanless and is equipped with an Intel Core i7

Available additional modules:

The PC comes with 7x antenna-output, 2x M.2 Slot and 1x Mini-PCIe slots.

CPU	11th Gen Intel® Core™ i7-1185G7E 1.8GHz up to 4.4GHz
Memory	2 x DDR4-3200 SO-DIMM Up to 64GB
Watchdog	Watchdog Timer Support, Offer 1 – 255 Step
TPM	2.0
Watchdog	1 ~ 255 Level Reset

Graphics Engine	Intel® Iris® Xe Graphics / Intel® UHD Graphics 2x HDMI, 1 DP, 1x DVI (Supports 4 Independent Display) *Use only Single Link DVI Cables.
Displaysupport	Max Resolution (HDMI 2.0b): 4096 x 2304@60Hz Max Resolution (DP): 4096 x 2304@60Hz
Audio	1x Line-Out 1x Mic-In 1 x Intel® 2.5GbE Supports 10/100/1000/2500BASE-T Supports vPro and PXE LAN Boot ROM (i5/i7 SKU) 3 x Intel® Gigabit Ethernet
LAN	4 x RJ45 (1 x 2.5GbE, 3 x GbE) All 4x ports with POE (IEEE 802.3af/at PoE w/ Max. 60W power budget)
Serial Port	Optional: M12 connectors 4 X RS-232/422/485 (Auto Direction Control)
USB Port	2 x USB 3.2 Gen 2 (Type A) 2 x USB 2.0 (Type A)
DIO	6 x DI (5~60V) and 4 x DO (5V/100mA) (option: 2 x 12V/1A output)
SIM Socket	2 x SIM Card Sockets Supported Onboard with Eject
Antenna	7x Pre-cut HOles for external SMA Antenna
Storage	2 x 2.5" Drive Bay for SATA Type 1 x M.2 2280 Key M for NVMe SSD*
Mini PCI Express	*Additional thermal heatsink is required. Please contact our sales representatives for a suitable type.
M.2	1 x Combo Port (1 x M.2 3042/52 Key B or 1 x mPCIe Full Card)
Power Input	1 x M.2 2230 Key A-E, 1 x mPCIe Full Size (USB function only)
Power Protection	9~60 VDC Input (24 ~ 60 VDC Input for PoE Connections)
Smart Ignition	Automatics Recovery Short Circuit Protection
Power-off Delay Control	Power Ignition for Vehicle
Backup Battery Solution	Power off Delay Time Setting by Software
Battery Backup (Optional)	Patented Battery Kit
Dimensions (LxWxH) / Weight	BAT-3630 Kit, 2,300mAh 3S1P Battery Kit (0~60°C for Discharge). 250(L) x 165(W) x 55(H) mm / 2500g (Bare-bone)
Construction	Aluminum Alloy
Relative Humidity	10% RH – 90% RH (non-condensing)
Operating Temp.	-40°C ~ 70°C w/0.6 m/s airflow (for barebone system) *The operating temp. varies by accessories installed.
Storage Temp.	-40°C ~ 85°C
Certifications	CE, FCC Class A, E13, EN50155. EN45545-2 (R25)
Part Number	VBOX-3630x-yyyy-zz (x=P=w/PoE, yyyy= M12X=M12 x-code for LAN ports, zz=i7=i7-1185G7E, zz=i5=i5-1145G7E, zz=i3=i3-1115G4E, zz=C1=6305E)
Description	Intel® 11th Gen Core i7-1185G7E CPU with 4 x GbE LAN On-Board Computer