

iModCloudBOX is a set of services available for NPE/iMod devices from industrial-grade Mini-PC

With iModCloud you can perform operations on groups of devices (eg. In the same system) and visualize the data.

The iModCloud user interface allows:

- view of the status and changing configuration of devices
- visualizing data directly from devices
- software and firmware management / update
- creating lists and charts based on the collected data from devices



Managing devices groups

iModCloud allows grouping devices in an independent network. In this way, you can perform operations on a selected group of devices belonging to one installation.

Sharing

Depending on permissions, each device or devices network can be shared to another iModCloud user. You decide what and how to share. With iModCloud you enable access to selected information to end-users. You can always see who has access to the device or network of devices (installation).

Security

All connections to devices through iModCloud are encrypted and the level of security algorithms is the same as those used in electronic banking.

TECHBOX X200

Fanless embedded/box industrial computer

TECHBOX X200 is a line of fanless embedded/box industrial computers with low voltage quad-core Intel Celeron 1,83GHz and suitable number of serial ports supporting a wide range of applications.

TECHBOX X200 can operate as a platform for:

- process control
- system monitoring
- data logging

TECHBOX X200



TECHBOX X200

Fanless design, high efficiency and low power consumption make **TECHBOX X200** a perfect device for projects where long trouble-free operation is essential.

TECHBOX X200 is widely used in automation systems (e.g. energy, water and sewage industry).

TECHBOX X200 is based on the energy-efficient **Intel Celeron N2930 1,83GHz (2,16GHz Boost)**. This quad-core processor guarantees efficient operation of the unit at a minimum power consumption.

TECHBOX X200 offers **4 serial ports** (including one RS-232/422/486 port) and **6 USB ports** (including one USB 3.0 port), providing a wide range of possible applications of the device in various projects according to client's individual needs.

FRONT PANEL



BACK PANEL



Main features

- Fanless design
- Intel Celeron N2930 Quad-Core processor
- Four serial COM ports
- DIN rail mounting
- Appealing price

SYSTEM

CPU	INTEL® Bay Trail-M N2930 SoC 1.83GHz (2,16GHz Boost)
RAM	1x SO-DIMM 1333MHz RAM slot (up to 8GB)
HDD/SSD	1x SATA II 2,5" slot 1x mSATA SSD slot (shared with half-size Mini PCI-E)
Cooling	Passive cooling system, fanless design

LAN

2x Gigabit Ethernet (RJ45)

SERIAL PORTS

RS-232/422/485	1x RS-232/422/485 (COM1)
RS-232	3x RS-232 (COM2-4)

USB PORTS

5x USB 2.0, 1x USB 3.0

INPUTS / OUTPUTS

VIDEO	1x DVI-D, 1x VGA
AUDIO	2x Line-OUT, 1x Mic-IN

EXPANSION INTERFACE

Mini PCI-E #1	Half-size, WiFi ready, SMA connector (back panel)
Mini PCI-E #2	Full-size (shared with mSATA SSD) with SIM card slot

POWER SUPPLY

AC/DC 12V

CHASSIS

Dimensions	185 x 142 x 48 mm
Structure	Aluminum casing
Color	Black

WORK / STORAGE CONDITIONS

Intallation	Wall mounting / DIN rail mounting
Work temperature	-20 ~ 40°C, relative humidity: 5 ~ 95% RH (non-condensing)*
Storage temperature	-20 ~ 85°C, relative humidity: 5 ~ 95% RH (bez kondensacji)*
EMC standards	CE, FCC

MANUFACTURER

TECHBASE Group Sp. z o.o., Gdańsk, Poland