

iModCloudBOX is a set of services available for NPE/iMod devices from industrial-grade RACK 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 R200

RACK type industrial computer

**TECHBOX R200** is a **RACK** type computer series with low power consumption, expandable memory up to 8GB RAM, 4 Gigabit LAN ports, 2 slots for 2,5" hard drives and mSATA slot.

**TECHBOX R200** works well in the server room as a platform for:

- process control
- system monitoring
- data logging



## TECHBOX R200



TECHBOX R200

**TECHBOX R200** is equipped with energy-efficient quad-core processor **Intel Celeron 1.83GHz** with **Intel SpeedStep technology**, which in the case of increased demand for computing power is changing CPU frequency up to 2.16GHz.

W urządzeniu **TECHBOX R200** features **4 Gigabit LAN ports** (one pair of which supports Baypass LAN), **2 USB ports** (including one USB 3.0), as well as **serial port RS-232 and RS-485**.

FRONT PANEL



REAR PANEL



## Main features

- RACK type casing
- Energy-efficient quad-core processor
- 4 Gigabit LAN ports
- Two HDD / SSD 2.5" slots
- Appealing price of the device

SYSTEM	
CPU	INTEL® Bay Trail-M N2930 SoC 1.83GHz (2.16GHz Boost)
RAM	2x SO-DIMM 1333MHz RAM slot (up to 8GB)
HDD/SSD	2x SATA II 2,5" slot 1x mSATA slot (shared with Mini PCI-E)
Cooling	3x 4020 FAN / 7000 rpm / DC-12V-0.1A / 8 CFM
LAN	
4x Gigabit Ethernet, RJ45, 1 pair with LAN Bypass function	
SERIAL PORTS	
1x RS-232, 1x RS-485	
USB PORTS	
1x USB 2.0, 1x USB 3.0	
INPUTS / OUTPUTS	
VIDEO (optional)	1x VGA
GPIO (optional)	1x GPIO
EXPANSION INTERFACE	
Mini PCI-E #1	Full-size
Mini PCI-E #2	Full-size (shared with mSATA SSD) with SIM card slot
POWER SUPPLY	
1U-200W / Support PFC / AC Input 100-240V, 50-60Hz, 6.3A MAX	
CHASSIS	
Dimensions	252 x 430 x 44 mm
Structure	Aluminum casing
Color	Black
WORK / STORAGE CONDITIONS	
Intallation	RACK 1U
Work temperature	0 ~ 60°C, relative humidity: 5 ~ 95% RH (non-condensing)*
Storage temperature	-10 ~ 70°C, relative humidity: 5 ~ 95% RH (non-condensing)*
EMC standards	CE, FCC, ErP dla Rackmount Barebone
MANUFACTURER	
TECHBASE Group Sp. z o.o., Gdańsk, Poland	