

TECHBOX X101

Mini embedded/box industrial computer

TECHBOX X101 is a line of mini 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 X101 can operate as a platform for:

- process control
- system monitoring
- data logging

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High efficiency and low power consumption make **TECHBOX X101** a perfect application as a IoT module controller.

TECHBOX series are widely used in automation systems for energy, water, sewage industry and m2m IoT Cloud solutions.

TECHBOX X101 is based on the energy-efficient **Intel Atom D2550 1,86GHz**. This dual-core processor guarantees efficient operation of the unit at a minimum power consumption.

TECHBOX X101 offers **2 serial ports** (expandable with 3 additional RS-232 ports and one RS-232/422/486), **4 USB ports** and **2 Gigabit LAN ports**, providing a wide range of possible applications of the device in various projects according to client's individual needs.

Main features

Intel Atom D2550 Dual-Core processor

Up to six COM ports

Four USB2.0 ports

Two Gigabit LAN ports

Appealing price

SYSTEM

CPU	Intel® Atom Dual Core D2550 1.86GHz
RAM	2x SO-DIMM 800/1067MHz RAM slot (up to 4GB support)
HDD/SSD	2x SATA II 2,5" slot

LAN

2x Gigabit Ethernet (RJ45)

SERIAL PORTS

RS-232/422/485	1x RS-232/422/485 (optional)
RS-232	2x RS-232 + 3x RS-232 (optional)

USB PORTS

4x USB 2.0

INPUTS / OUTPUTS

VIDEO	1x HDMI, 1x VGA
AUDIO	1x Line-IN, 1x Mic-IN, 1x Line-OUT

EXPANSION INTERFACE

PCI	1x PCI
Mini PCI-E	1x miniPCI-E

POWER SUPPLY

DC 12V

CHASSIS

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

WORK / STORAGE CONDITIONS

Installation	Vertical / horizontal
Work temperature	0 ~ 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, RoHS

MANUFACTURER

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