HATTELAND TECHNOLOGY
an EMBRON Company

IPC-J4125



Small fanless Box-PC for the desk, machine installation or DIN-rail mount. With a more modern Intel CPU J4125 2GHz, 4-core processor. Low power consumption and wide power 12-36VDC. Multiple connections on the front and a screw-on DC connector.



Specification

Internals
- Industrial motherboard for a longer lifespan. 3,5" CX-J4125
- CPU: Intel® Celeron J4125 Quad-core 2 Ghz.
- 1 x SO-DIMM 204-pin 2400 MHz DDR4 (max 1x 8GB)

Storage
- SSD: mSATA

I/O Connections
- 2x USB 3.0, 2x USB 2.0
- 1x HDMI 1x VGA
- 2x LAN (1xGbE 1xFastE)
- 2x DB9 COM-port RS232 (Option 485)
- 1x Audio 3,5mm
- 2x SMA for WiFI or 3G/4G/5G
- 1x SIM card
- 1x DC 5,5/2,5mm 12-36VDC screw-on
- 1x 12-36VDC (3-PIN industrial connector)

Network
- Realtec RTL811H 1Gbit gigabit ethernet controller RJ45
- Realtec RTL8152B 10/100Mbit fast ethernet controller RJ45
- WiFi AW-CB161H IEEE 802.11 a/b/g/n/ac PCIE WIFI
- Bluetooth 4.0

Internal connectors
- 4x COM-port
- 1x GIPO 4in/4out (TTL)
- 1x Speaker
- 1x LVDS 800*600 – 1920*1080dpi
- 1x mPCIe slot (WiFi or 3G/4G/5G)
  1x mPCIe slot (mSATA)

What is in the box:
1x BOX-PC
1x Power adapter with cable

Environment
- Operating temperature 0°C to +70°C (-25°C to +70°C with extended temp memory and SSD)
- Storage temperature -30°C to +70°C
- Humidity 10% to 80%

Mechanical
- IP24
- Aluminium and steel chassi
- Weight: 1,24kg PC (no memory or storage)
- Measurements: 50x188,6x122,5mm (without wifi antennas)

Power
- 12-36VDC
- 5-15W normal use (no USB usage), max 25W (0,15-2,1A, 12-36VDC)

Warranty
- 1 year standard, can be extended.

Certifications
- CE, FCC, RoHS, CCC

Options
- DIN-Rail 230VAC till 12VDC 60W power supply
- Custom BIOS boot logo

Ordering information
P/N: 134353 IPC-J4125 min Box-PC DIN rail
P/N: 128062 DIN Rail PSU AC-DC 60Watt 12V

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