

Data sheet:

pure.box 2 SD



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Contact

Applications

Firmware

Tools

Manual

Product overview

Ready-to-use industrial PC on DIN rail

Use the pure.box 2 SD as the basis for your application. The pre-configured Linux system comes ready with everything you need for network- and web-based applications. The supported database systems MySQL and SQLite enable convenient saving of your application data. Export the additional data to the SD card.

Properties

Interfaces:

- Network
- SD slot
- Supply Voltage

Management and connectivity:

- **Configuration**
 - Startup using WuTility (three clicks and you're done)
 - DHCP
 - Web-based management
- **for your application**
 - Web server with HTTPS and PHP support
 - MySQL database incl. server interface and SQLite support
 - Run your own C/C++ and Java programs and PHP scripts time- and event controlled
 - Java support on request
 - 750 MB for your application data

Power supply:

- **External**
 - Screw terminal
- **Power-over-Ethernet (PoE)**
 - Phantom power using data pairs
 - Power over unused wire pairs

Standards & more

- **Conforms to standards both in office and industrial environments:**
 - High noise resistance for industrial environments
 - Low noise emission for residential and business areas
- **5 year guarantee**

♥ Wish for something!
Your suggestions for improvement and additions

Technical data

Connections and displays:

Network:	10/100BaseT Autosensing/Auto-MDIX, RJ45
Galvanic isolation:	Network connection min. 1500 V
Power supply:	Power-over-Ethernet (PoE) or DC 24V .. 48V (+/-10%)

Supply connection: Plug-in screw terminal, 5.08mm spacing
Current consumption: PoE Class 1 (0.44 - 3.84W) and
typ. 100mA @ 24V DC with external supply

Indicators and buttons: System status using multi-color LED
Network speed and data transfer
Manual device reset and ejecting of the SD card

Hard- and software

Processor and memory: Marvell 88F6180
NAND Flash: 1 GB
DDR2: 128MB
SD slot: SD HC cards, max. 32GB

Operating system: BusyBox: v1.27.2
Linux, kernel: v4.4.162

Installed software: FTP server: ProFTPD v1.3.6
Web server: nginx v1.14.0
SMB server: Samba v3.6.25
PHP interpreter: v7.0.31
MariaDB: v10.1.35
SQLite: v3.18.0

Housing and other data:

Housing: Plastic housing (105 x 75 x 22mm) with
integrated DIN rail mount

Weight: approx. 100g

Storage temperature: -40 ... +70°C

Operating temperature: 0 ... 65°C (adjacent installation)
0 ... 70°C (non-adjacent installation)

Permissible relative humidity: 0 ... 95% relative humidity, non-condensing

Scope of delivery: 1 x pure.box 2 SD
1 x Quick Guide
1 x Product CD with WuTility management tool and manual



We are available to you in person:

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