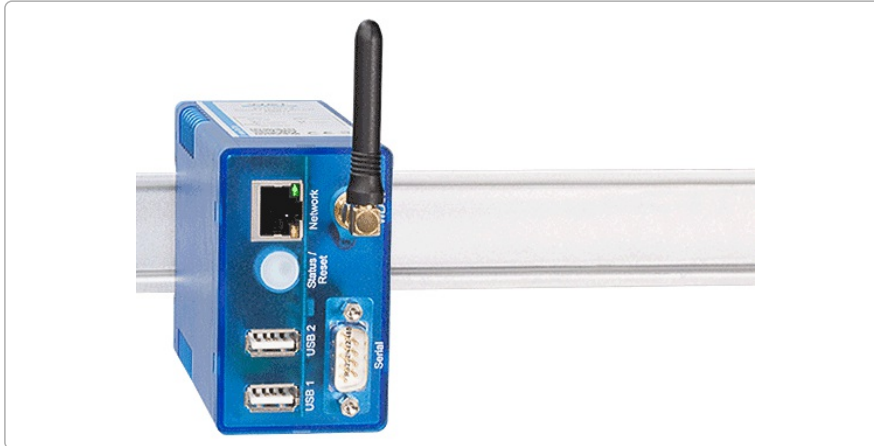


Data sheet:

## pure.box 3 Serial / USB / WLAN



Article no.: 50517

Unfortunately, this article is no longer available.

Contact

Applications

Firmware

Tools

Manual

### Ready-to-use industrial PC on DIN rail

Use the pure.box 3 with serial interface and 2 USB ports as the framework for your application. The pre-configured Linux system comes ready with everything you need for network- and web-based applications. The supported database systems MariaDB and SQLite enable convenient saving of your application data. Use the serial port to connect terminal devices which you control and monitor through your application. Use the USB ports to connect HID devices and USB serial converters.

## Properties

### Interfaces:

- **Network (WLAN and RJ45)**
- **serial combi-interface**
- **2 x USB**

### 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 and SQLite support
  - Run your own C/C++ programs and PHP script time- event driven or at system start.
  - 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
- **Buffer capacitors**
  - controlled shutdown when disconnecting from the power supply

### Standards & more

- **FCC approval**
  - There is no FCC approval for the pure.box with WLAN interface, so that use of the device is only allowed within the EU.
- **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

## Connections and displays:

Network:	RJ45: 10/100BaseT Autosensing/Auto-MDIX WLAN: 802.11 b/g/n
Galvanic isolation:	RJ45 network connection min. 1500 V
Serial interface:	RS232/422/485: 50 ... 230400 Baud
USB interface:	2 x USB 2.0
Power supply:	Power over Ethernet (PoE) or 24 ... 48V DC (+/-10%) per screw terminal
Supply connection:	Plug-in screw terminal
Current consumption:	PoE Class 2 (3.84 ... 6.49W) and typ. 150mA @ 24V DC with external supply
Indicators and buttons:	System status using multi-color LED Network speed and data transfer Manual device reset

## Hard- and software

Processor and memory:	Marvell 88F6180 Flash: 1 GB (NAND) RAM: 128 MB (DDR2)
Operating system:	BusyBox: v1.31.1 Kernel: v4.4.198
Installed software:	ProFTPD: v1.3.6 NGINX: v1.16.1 Samba: v3.6.25 PHP: v7.2.25 MariaDB: v10.2.29 SQLite: v3.29.0

## Housing and other data:

Housing:	Plastic housing with integrated DIN rail mount 105 x 22 x 75mm (L x W x H)
Weight:	approx. 160g
Storage temperature:	-40 ... +70°C
Operating temperature:	0 ... 60°C
Permissible relative humidity:	0 ... 95% relative humidity, non-condensing
Scope of delivery:	pure.box 3 Serial / USB / WLAN Quick start manual Product CD with WuTility management tool and manual



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