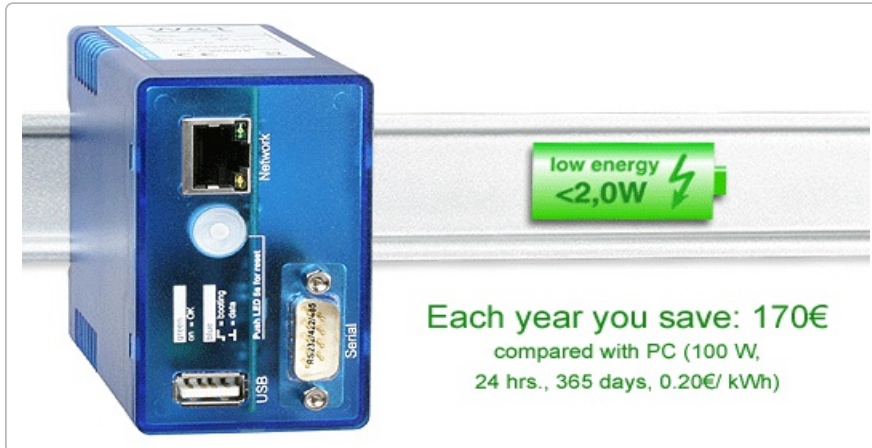


Data sheet:

pure.box 2 serial / USB



Article no.: 50516

This article has been replaced by the expanded successor model [pure.box 3 Serial / USB](#).

- Contact
- Manual
- Tools
- Firmware
- Applications

Ready-to-use industrial PC on DIN rail

Use the pure.box 2 with **serial and USB interfaces** 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 **MySQL 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 port to connect HID devices, USB serial converter and WLAN adapters. Do you have another type of device you need to connect to the pure.box? Just let us know!

Properties

General information

- Use **web servers** for your own applications and upload Web and PHP pages into the pure.box
- **MySQL database** incl. server interface or **SQLite** usable for your own application data
- Run your own **C/C++** programs and **PHP scripts (Java on request)** time- and event controlled
- **750MB** for your own files
- Thanks to **web-based management** complete configuration using your browser
- Support for **HTTPS encryption** and **your own certificates**
- Combination of **multi-color LED** and **buttons** for system status and device reset
- Energy consumption **<2.0W** (without USB consumer)
- **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**

Technical data

Network	10/100BaseT autosensing autocrossing
Connections	1 x network (RJ45) 1x serial combi-interface with RS232/422/485 50 ... 230,400 baud 1 x USB 2.0 Screw terminals for supply voltage (alternative to PoE)
LEDs / Buttons	System status using multi-color LED Current network speed and data transfer Manual device reset
Supply Voltage	Power-over-Ethernet (PoE) 24 ... 48V DC (+ / -10%) using screw terminals
Current draw without connected USB device	60mA @ 24V 40mA @ 48V
Temperatures / Relative humidity	Row mounting: 0 ... 65°C Non-row mounting: 0 ... 70°C 0 ... 90% RH, non-condensing
Housing / Weight	Plastic compact housing (105 x 75 x 45mm) Integrated DIN rail mount

Processor / Memory	approx. 140g Marvell 88F8180 NAND Flash: 1 GB DDR2: 128MB
Operating system	BusyBox: v1.23.2 GNU/Linux, Kernel: v3.14.43
Installed software	FTP server: vsftpd v3.0.2 Web server: lighttpd v1.4.35 SMB server: Samba v3.6.25 PHP interpreter: v5.5.25 MariaDB: v5.5.42 SQLite: v3.8.5
Scope of delivery	pure.box 2 serial / USB Quick start manual W&T Product CD



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