

Data sheet:

pure.box 2



Article no.: 50511

This article has been replaced by the expanded successor model [pure.box 3](#).

Ready-to-use industrial PC on DIN rail

Use the pure.box 2 as the basic hardware 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** permit convenient storage of your application data.

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**
- **Conforms to standards both in office and industrial environments:**
 - High noise resistance per EN 61000-6-2
 - Low noise emission per EN 55032:2015 + A1 Cl. B, EN 61000-3-2 & EN 61000-3-3
- **5 year guarantee**

Technical data

Network	10/100BaseT autosensing autocrossing
Connections	1 x network (RJ45) 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	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 22mm) Integrated DIN rail mount approx. 140g
Processor / Memory	Marvell 88F6180 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 Quick start manual W&T Product CD



[We are available to you in person:](#)

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