

Data sheet:

pure.box 3 Serial / USB



Article no.: 50521

EUR 278.00

*Net price for commercial users

[Add to cart](#)[Sample order](#)[Request a quote](#)[Contact](#)[Applications](#)[Firmware](#)[Tools](#)[Manual](#)[Product overview](#)

Ready-to-use industrial PC on DIN rail

Use the pure.box 3 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 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 port to connect HID devices, USB serial converter and WLAN adapters.

Properties

Interfaces:

- network
- serial combi-interface
- 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

- **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:	RJ45 network connection min. 1500 V
Serial interface:	RS232/422/485: 50 ... 230400 Baud
USB interface:	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. 140mA @ 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 44 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 Quick start manual Product CD with WuTility management tool and manual


Accessories

*Net unit price for
commercial users


Power supplies

Plug-in power supply, 24V / 500mA DC with Euro plug	11021	19.00€	
Plug-in Power Supply, 24V / 750mA DC with Euro, US and UK plug	11026	34.00€	
24V / 15W power supply for DIN rail mount (merchandise, 2-year manufacturer's guarantee)	11080	29.00€	

Cable and Connector Accessories

PC/PC RS232 Cable, DB9F - DB9F, 2m	11992	9.00€	
RS232 1:1-Cable, DB9F - DB9M, 2m	11952	9.00€	

Mechanical Accessories

Mounting bracket for wall mounting	58812	9.98€	
19" DIN rail	58813	19.00€	

Software

WuTility	00104	free	
----------	-------	------	---

* Our offering is intended only for commercial users. We will be happy to refer private end customers to trading partners through whom our products can be purchased.

Wiesemann & Theis
GmbH
Porschestra. 12
42279 Wuppertal
Phone: +49 202/2680-110 (Mon.-Fri. 8 a.m. to 5
p.m.)
Fax: +49 202/2680-265
info@wut.de

© Wiesemann & Theis GmbH, subject to mistakes and changes: Since we can make mistakes, none of our statements should be applied without verification. Please let us know of any errors or misunderstandings you find so that we can become aware of and eliminate them.

[Data Privacy](#)