W&T connects

Interfaces for TCP/IP, Ethernet, RS-232, RS-485, USB, 20mA,
glass and plastic fiber optic cable, http, SNMP, OPC, Modbus TCP, I/O digital, I/O analog, ISA, PCI
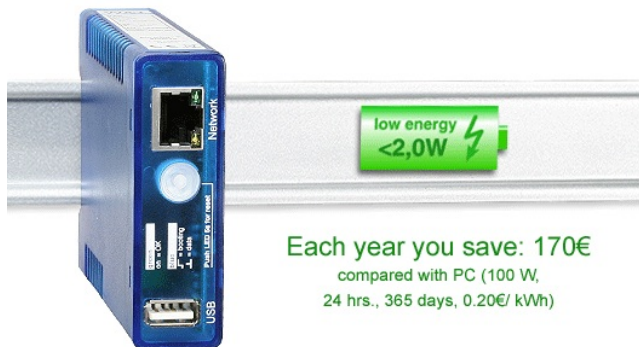
W&T

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Data sheet:

pure.box 3 USB

Article no.: 50519

EUR 268.00

*Net price for
commercial users

Ready-to-use industrial PC on DIN rail

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

Properties

Interfaces:

- **Network**

- **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 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**

♥ 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
USB:	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. 100mA @ 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: v4.4.226
Installed software:	ProFTPD: v1.3.6 NGINX: v1.16.1 Samba: v3.6.25 PHP: v7.2.27 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. 100g
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 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	21.00€
Plug-in Power Supply, 24V / 750mA DC with Euro, US and UK plug	11026	38.00€
Power supply for DIN rail, 24V / 630mA DC (merchandise, 2-year manufacturer's guarantee)	11080	33.00€

Mechanical Accessories

Mounting bracket for wall mounting	58812	11.20€
19" DIN rail	58813	21.00€

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.

W&T

We are available to you in person:

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Data Privacy