

Data sheet:

## pure.box 3 USB



Article no.: 50519

**EUR 228.00**

\*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 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                                                           |
| USB:                    | USB 2.0                                                                                       |
| Power supply:           | Power over Ethernet (PoE) or<br>24 ... 48V DC (+/-10%) per screw terminal                     |
| Supply connection:      | Plug-in screw terminal                                                                        |
| Current consumption:    | PoE Class 2 (3.84 ... 6.49W) and<br>typ. 100mA @ 24V DC with external supply                  |
| Indicators and buttons: | System status using multi-color LED<br>Network speed and data transfer<br>Manual device reset |

## Hard- and software

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

## Housing and other data:

|                                |                                                                                             |
|--------------------------------|---------------------------------------------------------------------------------------------|
| Housing:                       | Plastic housing with integrated DIN rail mount<br>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<br>Quick start manual<br>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€ |  |
| Power supply for DIN rail, 24V / 630mA DC<br>(merchandise, 2-year manufacturer's guarantee) | 11080 | 29.00€ |  |

### 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.



We are available to you in person:

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