



Multi-function terminal Kaba Benzing multitouch

The multifunctional Kaba Benzing multitouch PC-terminal with its ergonomic touch screen and integrated reader is ideally suited as a flexible platform for all kinds of data collection or point-of-service applications. High-performance and robust system technology, combined with the Microsoft® operating system Windows Embedded Standard 7 (WS7E) guarantees a trouble-free long-term operation.

Typical applications are*:

- Information service
- Employee information
- Safety instructions

Time and attendance

- Booking journal
- Attendance overviews

Shop floor data collection

- Order management
- Job control

Process technology

- Control & visualization
- Monitoring of procedures

Quality assurance

- Test instructions
- Display of CAD/CAM data

Self-service

- Cafeteria/meal reservation
- Order acceptance

Building control system

- Monitoring & control
- Fault management & repair

Duty roster administration

- Workforce planning
- Shift staffing

Expense report

- Travel/catering costs

Internet surf station

- Person-related web content

*requires a suitable software application

Your benefits at a glance

- Industrial PC concept as a single-board solution with high reliability of operation
- Robust, fanless housing for rough industrial environments
- Highly integrated CPU module with low consumption of energy
- Bright TFT display with LED-background lighting
- Fail-safe touch screen for industrial applications
- Integrated readers for identification and data collection
- Alternatively badge-free biometric identification via high-quality fingerprint reader module

Features

Investment protection

The Kaba Benzing multitouch is compatible with the current and the previous terminal series and can therefore be easily integrated into already existing plants and systems.

Design

Service-friendly design with reduced number of cable/plug connections and generously dimensioned cooling concept for reliable use in 24h operation. The fanless and sealed terminal works noise free and can also be used in industrial environments.

CPU

An energy-efficient 32-Bit computer system with powerful AMD 2 x 1 GHz T40E CPU guarantees sufficient computer performance while generating only a small amount of heat.

Memory

The RAM can be flexibly configured: DDR3 SDRAM up to a maximum of 4 GB and data memory optionally as a high-quality 2.5" hard disk or as an industry standard compact flash memory card.

Display

A bright 12.1" TFT display (1024 x 768) with robust 5-wire touch screen and durable LED-background lighting

Interfaces

A number of standard PC interfaces permit an universal use and extension (internal/external serial interface, 3 x USB 2.0, 10/100 MHz Ethernet and PS/2 for mouse and external keyboard).

Integrable readers

One of the following reader modules can be directly integrated in the terminal : LEGIC, MIFARE, barcode, magnetic strip, biometrics (fingerprint CBM module). The software module 'Reader Control' delivered with the readers guarantees an easy integration into individual software partner solutions. An integration of other external readers (e.g. CCD scanner) is possible.

Software

The operating system used is the widely used Microsoft® operating system Windows Embedded Standard 7 (WS7E). Apart from the Kaba standard applications for time and attendance (HR5), shop floor data collection (PDC5), XML communication (XML5), this universal platform can also be used for individual partner solutions.

I/Os

If digital I/Os are required for the recording of digital signals, this can be done via external extensions (USB/COM Port).

Technical features

Power supply

- 24 V DC ± 15 %, max. 1.8 A
- Typical power consumption: 26 W

Environment

- Ambient temperature: 0 °C to + 40 °C
No direct sunlight
- Relative humidity 10 % to 90 %, non-condensing
- Protection class according to IEC 60529: IP30/IP54 (depending on reader)

Housing

- 3-point locking mechanism with lock
- Fiber-reinforced plastic housing
- Simple wall installation

Dimensions (W x H x D)

- 370.5 mm x 360 mm x 150/165 mm (depending on reader module)

Weight

- 6,5 kg

Detailed dimensional drawings are available on our website for downloading.

Optional accessories

- External power supply unit 100 V to 240 V AC
- External CCD scanner to USB

Further details and order information can be found in the respective dormakaba catalogues or system descriptions.



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