

Budget line multi-function terminal

Kaba Benzing *multitouch*



The Kaba Benzing *multitouch* PC terminal with its ergonomic touch panel screen and integrated reader is ideally suited as a flexible platform for all kinds of data collection or point-of-service applications. Thanks to high-performance and robust system technology, combined with the Microsoft® operating system WEPOS (Windows Embedded for Point of Service) or WS7E (Windows Embedded Standard 7), there are many applications in which this multi-function terminal can be profitably used.

Typical applications are*:

Information service

- Person-related information
- Guest information
- Safety instructions

Time and attendance

- Booking journal
- Attendance overviews
- Data for payroll accounting

Shop floor data collection

- Order management
- Job control
- Post-calculation

Process technology

- Control & visualization
- Monitoring of procedures
- Person-related activities

Quality assurance

- Test instructions
- Display of quality data
- Display of CAD/CAM data

Self-service

- Cafeteria/meal reservation
- Services
- Order acceptance
- eTicketing

Building control system

- Monitoring & control
- Fault management & repair

Duty roster administration

- Workforce planning
- Sickness cover
- Shift staffing
- Emergency service

Expense report

- Travel/catering costs

Internet surf station

- Person-related web content
- Usage time monitoring

* requires a suitable software application

Your advantages at a glance

- Robust, completely fanless housing for rough industrial environments
- Industrial PC concept as a single-board solution with high operational safety
- Components available long term
- Highly integrated CPU module with low consumption of energy
- Bright TFT display in various resolutions
- Fail-safe touch screen for industrial applications
- Up to two integrated readers for identification and data collection
- Alternatively badge-free biometric identification via high-quality fingerprint reader module
- Equally suitable for single workstation applications and for network use

Made in Germany

developed and produced
in Germany

Features

- **Investment protection:** The Kaba Benzing *multitouch* is compatible with the B-Net and Bedanet series and can therefore also be easily integrated into already existing plants/systems.
- **Design:** Service-friendly design with reduced number of cable/plug connections and generously dimensioned cooling concept for reliable use in 24h operation. The completely fanless and sealed terminal works entirely without making noise and can also be used in industrial environments.
- **CPU:** An energy-efficient computer system with AMD LX800 500 MHz CPU or powerful Intel® Atom™ N270 CPU guarantees sufficient computer performance while generating a small amount of heat.
- **Memory:** The RAM can be flexibly configured: DDR SDRAM up to a maximum of 2 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 with robust 5-wire touch screen in two different screen resolutions is used:
800 x 600 pixels (SVGA) for most standard applications
1024 x 768 (XGA) for more demanding graphic user interfaces
- **Interfaces:** A number of standard PC interfaces permit a universal use and extension (internal/external serial interface, 3 x USB 2.0, 10/100MHz 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 here the simple use of these readers with individual software partner solutions. An integration of other external readers (e.g. CCD scanner) is also possible.
- **Software:** The operating system used is either the widely used Microsoft operating system WEPOS (Windows Embedded for Point of Service), which is based on Windows XP or the latest Microsoft® operating system WSE (Windows Embedded Standard 7). Apart from the Kaba standard applications for time and attendance (HR5), shop floor data collection (PDC5), XML communication (XML5) and cafeteria data collection (Extension Canteen), this universal platform can also be used very well for individual partner solutions.
- **I/Os:** If digital IOs are required for the recording of digital signals, this can be done either via external extensions (USB/COM Port) or optionally via integration of the machine hub Bedanet 90 80 (Ethernet).
- **Accessories:** As an accessory, an aluminum post enables freestanding operation, for instance as an information or kiosk terminal.

Technical features

Power supply

- 24V DC ± 15%, max. 1.8 A
- Typical power consumption: 22 W / 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 and weights

Dimensions

- Width 370.5 mm
- Height 360 mm
- Depth 150/165 mm
(depending on reader module)

Weight

- 6 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



Certified according to DIN EN ISO 9001



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