



B-Net[®] 95 80 multi-function terminal

The B-Net 95 80 multi-function terminal with its ergonomic touch panel screen and up to two integrated readers 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 Windows Embedded Standard 7 (WS7E), there are many applications in which this multi-function terminal can be used. A selection of configurable components allow an individual, customer-specific solution.

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 with high reliability of operation
- > Robust, fanless housing concept for rough industrial environments
- > Choice between two high-performance CPU modules with optimized energy consumption
- > 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

Made in Germany
developed and produced
in Germany

Features

- > **Investment protection:** The B-Net 95 80 multi-function terminal is compatible with the Bedanet series and can easily be integrated in already existing plants and systems. 8 years of guaranteed product support and long availability of spare parts are a standard feature.
- > **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 be used in industrial environments.
- > **CPU:** Two selectable, energy-efficient 32-bit computer systems guarantee sufficient computer performance while generating a small amount of heat:
 - > Intel® Celeron M 800MHz CPU
 - > Intel® Core™ Duo 1.66 GHz CPU
- > **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 17" TFT display with robust 5-wire touch screen in the screen resolution 1280 x 1024 (SXGA) is used.
- > **Interfaces:** A number of standard PC interfaces allow universal use and extension (parallel, internal/external serial interface, 4 x USB 2.0, 10/100MHz Ethernet, and PS/2 for external mouse and keyboard).
- > **Integrable readers:** Up to two reader modules can be directly integrated into the terminal: The following standard readers are available, among others: LEGIC, MIFARE, barcode, magnetic strip, HID, Hitag, biometrics (fingerprint CBM module). The software module 'Reader Control' delivered with the readers guarantees 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 Microsoft® Windows Embedded Standard 7 (WSE). 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 for individual partner solutions.
- > **I/Os:** Four digital outputs (relays, potential-free contacts) are available for activating external peripheral devices (e.g. signal transmitters). Four optically decoupled digital inputs record external signals from sensors or contact switches (e.g. machine monitoring, clock cycles, etc.)
- > **Options and accessories:** An aluminum post enables freestanding operation, for instance as an information or kiosk terminal.

* not for every CPU-versions available



Certification
according to
DIN EN ISO 9001



Kaba GmbH

Albertstraße 3 | 78056 Villingen-Schwenningen | Germany
Phone +49 7720 603-0 | Fax +49 7720 603-102 | awm.info@kaba.com
www.kaba.com/workforce-management

Technical features

Power supply

- > Internal power supply:
100V to 250 V AC
- > Current consumption:
max. 350 mA at 230 V AC
- > Typical power consumption:
 - > 800 MHz CPU: 42 W
 - > 1.6 GHz CPU: 48 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) and weight

- > 460 mm x 573 mm x 234 mm
- > 15.4 kg

Detailed dimensional drawings are available on our website for downloading.

Optional accessories

- > External CCD scanner to USB