

BEETLE /iPOS plus Advanced



High-performance all-in-one 15" POS and kiosk system

Since years touch screen based POS systems are well established in the hospitality and retail markets. The intuitive graphical user interface makes the work of a cashier easier and more efficient and is a must for interactive kiosks.

With the BEETLE /iPOS plus Advanced Wincor Nixdorf offers a modern retail-hardened POS system design with Intel's 4th generation of Core processors to increase performance and enhance productivity. The robust, bezel-free 15" TFT splash-proof display is available with the latest projected-capacitive multi-touch or 5-wire resistive touch technology to support today's most advanced POS and kiosk applications.

The BEETLE /iPOS plus Advanced is a versatile POS terminal and kiosk system with its elegant, stylish "all-in-one" design and graphical, touch user interface. The system dovetails seamlessly into the open standards based BEETLE POS family. It boasts a scalable selection of standard and retail-specific powered interfaces to support numerous POS peripherals and thus meet specific needs. Furthermore an optional magnetic card reader and iButton

waiter lock can be integrated in the unit. The desktop stand can accommodate a 2nd hard disk as well as an optional I/O hub, which expands the selection of interfaces and allows easy connection of peripheral devices.

Reliability @ its best

Instead of a hard disk the system can be configured with a state-of-the-art solid state disk (SSD) which offers more performance and improved reliability compared to a conventional hard disk. The housing is made of aluminum and underlines the systems' robustness to be used in harsh and demanding environments typical for retail. Furthermore the system comes in a splash-proof system design. The front side fulfills IP54 specifications whereas the rear side is specified for IP31. Like all BEETLE systems, the BEETLE /iPOS plus Advanced has integrated remote management functions and has been specially developed with an eye to efficient serviceability. These product features increase system availability, simplify administration and help reduce the total cost of ownership (TCO).

Low power consumption

The motherboard is based on Intel's latest mobile Haswell processor technology to reduce the power consumption. A choice of three different processors – from a cost-efficient Celeron to a high-performance Core i5 - offer scalable performance levels. The low-voltage processors, a highly energy-efficient power supply and the advanced power management features guarantee low power consumption and reduce the operating costs. The usage of embedded chip sets and processors ensure an extended lifecycle of the product. →

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Services

Wincor Nixdorf's fast, professional manufacturer service is available as an option for the BEETLE /iPOS plus Advanced as part of the complete solution offer. Tailored services enable the highest possible system availability and security worldwide due to standardized service processes and efficient remote management based on the Wincor Nixdorf eServices Platform®.

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Ergonomics

The VESA-compatible mounting allows the BEETLE /iPOS plus Advanced to be used not only as a desktop system but also as a wall or pole-mounted terminal. The improved viewing angle, anti-glare display surface and a brighter, high-contrast LCD panel supports individual adjustments, reduces light reflections and improves the user experience. The multi-touch display simplifies the operator interaction and enables features that are more intuitive.

With over 40 years of retail experience in the business, we know our customers' requirements for high availability, stability and continuity of systems, as well as for low total cost of ownership, i.e. all costs incurred during a product's lifecycle. BEETLE POS systems are "management ready" and support software distribution, inventory management or remote administration of current IT management solutions. Service-friendly designs enable fast and easiest exchange of components e.g. the swap of the storage device.

TECHNICAL DATA

Processors

- Intel Celeron G1820TE 2x 2.2 GHz
- Intel Core i3-4330TE 2x 2.4 GHz
- Intel Core i5-4570TE 2x 2.7 GHz

Main Memory

- up to 16 GB

I/O Expansion Slots

- mini PCIe
- mSATA

Display

- 15" LED backlight, 4:3
- max. resolution 1024 x 768
- Projected capacitive multi-touch or 5-wire resistive touch

Interfaces (with desktop I/O hub)

- RS232 (standard/power): 1 / 3
- USB (2.0): 2
- USB (3.0): 2
- PoweredUSB (12V/24V): 2 / 1
- Second display: DVI / Plink 2
- LAN (MBit/s): 10/100/1000
- Cash drawer: 1
- eSATA: 1
- Audio / line out: yes

Storage media

- 2.5" hard disk or Solid state disk (SSD)

Integrable peripherals (option)

- MSR
- iButton waiter lock

System management

- Desktop Management Interface (DMI)
- Preboot Execution Environment (PXE)
- Wake on LAN (WoL)
- Advanced Configuration and Power Interface (ACPI)
- Management Agents (BEETLEINFO)

Dimensions (W x D x H in mm)

- 350 x 66 x 310 (excluding stand)

Operating systems

- Windows 7
- POSReady 7
- WNLPOS (Linux)

Services (optional)

- Global Deployment Services: rollout and installation
- Availability Services: fast recovery and regular maintenance services
- Operational Services: remote management and help desk for fast resolutions as well as for user support

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