WINCOR NIXDORF

The BEETLE POS family
BEETLE /SX

Taking TCO optimization to the next level

Retailing, like may other sectors, is under enormous cost pressure and is permanently seeking new ways of cutting current IT expenditure. The BEETLE /SX has been developed with precisely these customer requirements in mind. The system offers enhanced availability and a cost-optimized architecture. The BEETLE /SX is the ideal platform for users who attach less importance on processor power and want to focus on total cost of ownership.

Technology helps cut costs

It has always been Wincor Nixdorf's mission to reduce the total costs of a system solution over its lifecycle. All our BEETLE systems now offer a wide range of features that optimize TCO, as well as outstanding reliability and availability. The BEETLE /SX goes one step further: thanks to a particularly power-saving Intel mobile processor from the Celeron M family, we have created a sealed (dust-proof) system concept with a modular power supply unit that improves system availability and slashes running costs. In conjunction with the innovative SATA Solid State Disk (SSD) flash memory, this provides a further means of reducing system downtimes. As a result, the next stage in optimizing TCO has been achieved.

Sealed system box

The dust-proof aluminum housing of the BEETLE /SX prevents the system's interior from becoming soiled. The very low power consumption of the Celeron M ULV processor – maximum 5.5 W – ensures low system warming. The two together ensure far better MTBF (mean time between failure) values and so higher system availability.

Innovative memory technology

SATA Solid State Disk (SSD) is the latest-generation of flash memory that offers maximum availability, the very highest data security and a long life. Solid State Drives (SSD) are purely electronic components and, compared with hard disks, do not have any moving mechanical parts. As a result, SSD is for the first time a possible alternative to today's hard disks in POS systems. Use of SSD memory technology significantly increases system availability and cuts the cost of running a POS system.

Made-to-measure expandability

The BEETLE /SX offers a large variety of I/O interfaces, either internally as with the BEETLE /S-II or externally via the new I/O hub. The tried-and-tested PC and POS-specific interface extensions are available to suit requirements.

BEETLE /SX

TECHNICAL DATA

Low-cost service concepts

New, lower-cost service concepts are being discussed and demanded - in particular concepts that remove the need for on-site service and are restricted to the replacement of modules (swap service). The modular concept of the BEETLE /SX, comprising the system box, an external power supply unit and optionally extendable I/O hub, supports this demand for simple component replacement, be it by a service technician or trained staff at the store.

Our systems are equipped with BEETLEVIEW, our tried-and-proven desktop management solution, to permit remote inventorization and monitoring of the POS systems. This solution integrates seamlessly in enterprise management solutions.

Extensive range of peripherals

BEETLE models are open system platforms for state-of-the-art POS solutions. To accompany them, we offer a comprehensive choice of retail peripherals, such as POS printers, barcode scanners, customer displays, cash drawers, POS keyboards, flat panel displays, etc. Our portfolio of products developed in-house and OEM products offers all that is needed for a professional, freely configurable POS solution.

Communication

BEETLE POS systems can communicate in all standardized networks – LAN or WAN, cabled or wireless, TCP/IP, IPX/SPX or Netbios, whatever the user decides.

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PROCESSOR
- Intel Celeron M ULV 1.0 GHz, 512 KB SLC

MAIN MEMORY
- 256 MB – 2 GB

EXPANSION SLOTS
- 1 x PCI (option)
- 1 x PCI express (option)

SYSTEM INTERFACES
- RS232 (standard/powered): 1/1 - 7
- USB (standard/powered): 3/0 - 3
- Keyboard/mouse: Yes
- Audio: Yes
- VGA: Optional
- Digital video: Optional
- LAN onboard: Yes

POWER SUPPLY UNIT INTERFACES
- Cash drawer: Yes
- 24 V for POS printer: Yes
- Rubber connector: Yes

I/O HUB INTERFACES
- PoweredUSB: 6
- Powered RS232: 4 (option)

DRIVES
- HDD (option)
- DVD (option)
- 2 x Solid State Drive (SSD)

SYSTEM MANAGEMENT
- Wired for Management (WfM)
- Desktop Management Interface (DMI)
- Preboot Execution Environment (PXE)
- Wake on LAN (WoL)
- Advanced Power Management (APM)
- Advanced Configuration and Power Interface (ACPI)
- BEETLEVIEW

DIMENSIONS
- (W x D x H) in mm: 288 x 286 x 103

OPERATING SYSTEMS
- Windows Embedded for Piont of Service (WEPOS)
- Windows XP Professional
- WNLPOS (Linux)

OPTIONS
- External I/O hub

Integrated customer display

Cash drawer

POS printer

Color display

External I/O-Hub