

BEETLE POS family

BEETLE /S-II plus

Modular POS system for maximum performance

Growing requirements

For a long time now, POS systems have had to offer far more than the ability to register products and handle cash payments. The dynamic growth in requirements means that POS systems will need to cover an increasing array of functions in the future. New customer-centric multimedia software solutions require them to operate several applications at the same time.

Next generation architecture

The BEETLE /S-II plus offers excellent scalability – above all in performance – with processors that range from the modern Intel Celeron to Core 2 Duo processors for maximum performance requirements. As the name suggests, Core 2 Duo processors feature two processor cores and permit parallel command processing – instead of the sequential processing used to date.

The improved graphics performance of the Intel i945 or Q35 chipset combined with high-speed DDR2 RAM modules and up to two SATA hard disks ensure that the processor computes fast and users actually feel the improved performance of the whole system. The option of an integrated RAID controller increases the level of security for hard disk data substantially.

Commitment to the environment

For many years, our system design has focused on optimizing power consumption, for example by using power-saving mobile processors.



The BEETLE /S-II plus uses cutting-edge Intel processors that offer better performance yet consume more than 30% less power than those of previous generations. The power supply unit complies with the strict 80PLUS supply standard, operating with a constant energy efficiency of over 80%.

The addition of a powered interfaces for peripherals, power-saving functions in the BIOS and operating system results in a marked reduction in power consumption and the resulting CO₂ emissions.

These technologies enable us not only to protect the environment but also to reduce running costs and total cost of ownership.

Versatile connectivity

The BEETLE /S-II plus features numerous standard PC and retail-specific powered interfaces for connection of peripheral devices. Additional USB ports are accessible from the front for greater convenience. The type and number of interfaces can be customized very flexibly.

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Space-saving

Retailers prefer to use counter space to sell merchandise rather than for the installation of POS systems. The BEETLE /S-II plus impresses users with one of the smallest footprints of any POS system in this performance class. As a result can be ascertained, the new BEETLE/S-II plus is to be seen as the „small brother“ of the premium model BEETLE/M-II plus.

Unrivalled manageability

The BEETLE platform has borne the “Ready for Management” label for many years. BEETLE /S-II plus is no exception.

Our POS systems are equipped with BEETLEVIEW, our tried-and-proven desktop management solution from LANDesk, which permits remote inventory and monitoring of the POS systems.

Outstanding reliability

Nothing is worse than a POS system failure or the loss of vital transaction data. BEETLEVIEW makes it possible to continuously monitor critical components such as fans, the motherboard and hard drive, in order to improve system availability.

Like all BEETLE systems, the BEETLE /S-II plus is particularly resistant to electrostatic discharge and spurious radiation.

All BEETLE systems are designed to run in environments with higher temperatures.

Continuity is trumps

With over 35 years of experience in the business, we know our customer’s requirements in terms of high availability, stability and system continuity, as well as of low total cost of ownership (TCO). The use of embedded chip sets and processors in our systems enables us to guarantee to deliver our models for at least 5 years. We guarantee spare parts and service for another 7 years, thereby protecting the investments our customers have already made.

TECHNICAL DATA

PROCESSORS

- Intel Celeron 440 / 2.0 GHz
- Intel Pentium Dual-Core E2160 / 1.8 GHz
- Intel Core 2 Duo E7400 / 2.8 GHz

RAM

- 1 GB – 4 GB DDR2 RAM

I/O EXPANSION SLOTS

- 2 x PCI or
- 1 x PCI + 1 x PCI Express

DRIVES

- Max. 2 x SATA HD / 1 x SSD

OPTIONS

- Onboard RAID Controller
- Intel Active Management Technology (AMT)

INTERFACES

- RS232 (standard / powered): 1 / max. 7
- USB (standard / powered): 4 / max. 7
- Keyboard / Mouse: yes
- Audio: yes
- Video: DVI / VGA / Panellink
- Dual Display Support: yes
- Ethernet LAN: 10/100/1000
- Cashdrawer: yes
- 24V for POS printer: yes
- LPT: optional

OPERATING SYSTEMS

- Microsoft Windows XP Prof.
- Microsoft POSReady 2009
- Microsoft Windows Embedded for Point of Service (WEPOS)
- Linux

SYSTEM MANAGEMENT

- BEETLEVIEW (Desktop Management)
- Desktop Management Interface (DMI)
- Preboot Execution Environment (PXE)
- Advanced Power Management (APM)
- Advanced Configuration and Power Interface (ACPI)
- Wake on LAN (WoL)
- System Management BIOS

DIMENSIONS

- (W x H x D) in mm: 310 x 103 x 280

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Wincor Nixdorf International GmbH
Retail Division
Heinz-Nixdorf-Ring 1
33106 Paderborn
Germany
Phone: +49 52 51 693 39 01
Fax: +49 52 51 693 39 03
info@wincor-nixdorf.com
<http://www.wincor-nixdorf.com>

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