

DN Series® BEETLE M2110

Modular POS System



Introducing the new DN Series® BEETLE M2110 from Diebold Nixdorf. Powered by Intel® Alder Lake PS and Raptor Lake PS processors, it combines the best of mobile and desktop performance. With the ability to create variants at the end of the supply chain and offer different processor options, it meets a wide range of customer requirements. Experience lower power consumption and higher performance while maintaining the flexibility and serviceability of the current solution. Enjoy the new look and feel that fits seamlessly into the DN Series® with one motherboard and one unified software platform.

Scalable and Reliable Performance

Based on Intel's future-proof Alder Lake PS and Raptor Lake PS technology, the system fulfills the highest scalability and performance requirements.

- Scalable performance, starting with an Intel Celeron up to an Intel Core i7 processor
- Enhanced graphics power and support of up to 3 simultaneous displays allow multi-functional usage
- Up to 64 GB of high-speed memory offer sufficient headroom for future requirements

Tailored Configurability

The BEETLE M2110 boasts a wide range of standard PC and retail-specific interfaces to connect numerous POS peripherals.

- Type and number of interfaces can be tailored to customer needs
- Additional I/O hub expands the interface selection
- USB-C interfaces support a one-cable-display-connection

Made for Retail, Built to Last

BEETLE POS systems are designed and manufactured specifically for retail.

- DN has 50 years POS experience
- Retail-hardened design for maximum availability
- Integrated management readiness allows cost-effective service and reduces downtime
- Investment protection through unbeatable 5-year product availability plus 5 years of spare parts and support



CROSS-PLATFORM MEDIA ENGINES

Application

- Front-end POS system
- Store back office PC
- SCO and Kiosk solution
- Information/service terminal

INCOMPARABLE MANAGEABILITY

The BEETLE platform has borne the "Ready for Management" label for many years and the BEETLE M2110 is no exception.

- The desktop management agent BEETLEINFO supports remote asset management and remote monitoring
- Intel Active Management Technology (AMT), a hardware-based technology allows remote management out of band, independent of the state of the operating system

COMMITMENT TO THE ENVIRONMENT

The BEETLE M2110 not only helps protect the environment, but also helps cut operating costs and optimize total cost of ownership by:

- Using the latest power-saving Intel processors
- Complying with the strict 80PLUS Gold environmental standard which leads to a constant energy efficiency of at least 87%
- Powering peripheral devices directly from the system
- Utilizing the power-saving functions of the operating system
- Intelligent power management using DDR5 RAM
- Energy-efficient flash memory (M.2 SSDs)

Processors

- Intel Alder Lake PS Prozessoren (15/45W) Celeron, Core i3, Core i5 and Core i7
- Intel Raptor Lake PS processors (15/45W) U300L, Core 3, Core 5 and Core 7

Main Memory

- 8GB – 64GB DDR5 RAM

Storage Device

- 2x M.2 SSD (NVMe)

Integrated features / Options

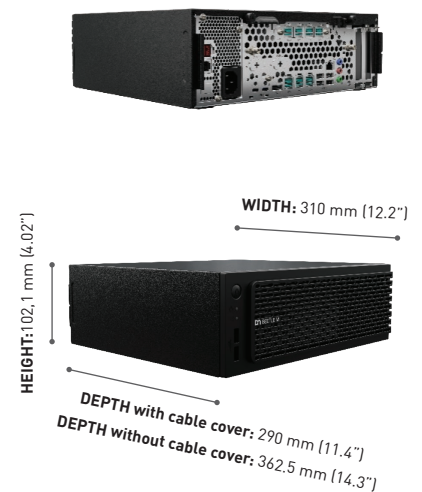
- TPM 2.0
- Intrusion sensor
- Bluetooth / WLAN
- Lint filter
- Cable cover
- Front button on the back side

Onboard Interfaces

- 2x USB-C (with PD 5V/12V + DisplayPort)
- 1x DisplayPort D++
- 4x USB-A 3.2 + 2x USB-A 2.0
- 1x cash drawer RJ12
- 1x Gbit Ethernet LAN RJ45
- 1x Line out / 1x Line in / 1x Mic
- 1x 24V PoweredUSB
- 3x 12V PoweredUSB
- 4x 12V PoweredUSB optional
- 2x RS232 (configurable powered / non-powered) optional

Operating system

- Windows 10 IoT Enterprise LTSC 2021
- Windows 11 IoT Enterprise LTSC 2024
- DNL2



Dimensions (HxWxD)

Height: 102.1 mm (4.02")

Width: 310 mm (12.2")

Depth without cable cover: 290 mm (11.4")

Depth with cable cover: 362.5 mm (14.3")

Weight: approx. 5kg)