

DN Series® BEETLE M2310

Modular POS System



The DN Series® BEETLE M2310 POS Box combines the advantages of a proven all-in-one platform with the flexibility of modular POS concepts. Its compact design enables seamless integration behind displays, inside kiosk systems or within customized retail environments. The solution provides maximum design freedom for POS, self-service and digital signage applications—regardless of display size or installation setup.

The BEETLE M2310 combines the stability of traditional all-in-one systems with the flexibility of an open platform design. Because it is not tied to proprietary displays, businesses benefit from greater investment protection, reduced overall system costs and simplified rollouts especially when installation requirements vary.

Its robust and durable design is purpose-built for 24/7 retail environments, making the M2310 an ideal platform for OEM integrations and demanding retail scenarios.

Flexible Integration

- Compact POS box for mounting behind displays, inside kiosks or under counters
- Supports a wide range of retail and self-service concepts
- Ideal for OEM and customized integrations

Modular Freedom

- Independent of display sizes and formats
- Cost-efficient planning enabled by an open system architecture
- Unified platform for POS, SCO and digital signage

Retail-grade & Durable

- Robust design for continuous 24/7 retail operation
- Proven DN POS architecture ensuring maximum availability
- Optimized for long-term retail rollouts



RELIABLE MANAGEABILITY

The BEETLE platform has been designed for professional retail operations for many years and provides central management and service capabilities for the BEETLE M2310.

- Support for remote asset management and remote monitoring via DN management tools (e.g., BEETLEINFO)
- Hardware-based remote-management functions enabled by Intel® platform technologies (depending on processor)
- Designed for high availability and simplified service and rollout processes in retail environments

Energy Efficiency & Sustainability

The BEETLE M2310 is engineered for energy-efficient and long-lasting retail operation, helping reduce operating expenses and overall total cost of ownership.

- Use of modern, energy-efficient Intel® Alder Lake PS and Raptor Lake PS processors
- DDR5 memory enabling intelligent power management and reduced energy consumption
- Direct power supply for connected POS peripherals
- Support for power-saving features of the operating systems (Windows IoT & Linux Retail)

Processors

- Alder Lake PS – Celeron 7305L
- Raptor Lake PS – U300L
- Raptor Lake PS – Core 5-120UL (15 W)
- Raptor Lake PS – Core 3-100HL
- Raptor Lake PS – Core 5-130HL

Memory

- 1× DDR5, 8 GB bis 32 GB

Storage

- 1× NVMe SSD, 256 GB bis 1 TB

Interfaces (standard)

- 1× RJ12 Cash Drawer
- 1× RJ50 serieller Port
- 2× USB-A 3.x
- 2× USB-A 2.1
- 2× PoweredUSB 12 V
- 1× USB-C (DisplayPort, 5 V, 12 V)
- 1× USB-C (DisplayPort, 5 V, 12 V, 24 V)
- 1× RJ45 LAN
- 1× 24 V DC-IN

Serviceability

- Compact system design with integrated components
- Standardized hardware platform based on DN U2 motherboard
- Designed for simplified installation and replacement in embedded and space-constrained environments

Operating Systems

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



Dimensions

Width: 182 mm
Height: 39.6 mm
Depth: 193.4 mm
Weight: approx. 1 kg



Learn more at [DieboldNixdorf.com/BEETLE](https://www.DieboldNixdorf.com/BEETLE).

