DN Series® BEETLE A2010

All-in-One POS System

Reliability

All-in-One POS SystemScalable performance starting with Intel® Alder Lake PS processors with Celeron up to Raptor Lake PS processors from U300L to Core 5:

- 15W UL series and 45W HL series with a corresponding active or passive cooling system
- Enhanced graphics power and support of up to 3 simultaneous displays allow multi-functional usage
- Up to 32 GB of high-speed memory offer sufficient headroom for future requirements
- IP54 on front panel

Modularity

A common modular hardware platform consisting of interchangeable touch panels, I/O ports and integrated peripherals supported by standard-based system software and middleware with smarter services to ensure more seamless integration into your organization's channel ecosystem.

Versatilly

The DN Series® BEETLE A Family systems adapt to specific requirements, blending perfectly into any store environment:

- Intel's latest processor technology
- A scalable I/O interface concept
- Integrated wireless LAN
- VESA 100 mounting on a counter, pole or wall
- Customer displays in various sizes
- Adaptable peripherals:
  – Magnetic card reader
  – iButton
  – NFC reader
  – 2D BCR
  – Fingerprint reader.

Features

Application

- Front-end POS system
- Kiosk solution
- Information/ service-terminal

Excellent Ergonomic Design and Simple Operation

The BEETLE A2010 is designed to provide optimal ergonomics to boost efficiency and reduce downtime.

- The angle and height-adjustable desktop stand, improved viewing angle, the antiglare display surface and a brighter, high-contrast, LCD support individual adjustments, reduce light reflections and improve the user experience
- Equipped with up to two solid-state drives, the system runs totally silent

Best-in-Class Manageability

The BEETLE platform has borne the "Ready for Management" label for many years and the BEETLE A2010 is no exception.

- The new high-performance CPU module features Intel® Alder Lake PS and Raptor Lake PS processors, with integrated graphics and low power consumption of a mobile processor in a compact design with the flexibility of a socketed desktop processor
- The desktop management agent BEETLEINFO supports remote asset management and remote monitoring
- The service-friendly click and connect design enables faster, easier exchange of components (e.g. the swap of the storage device)

Display

- 15" LED-backlit LCD, 4:3
- Resolution 1024 x 768 pixels
- Projected capacitive multi-touch
- Anti-glare

Processors

15W class (fanless and enclosed system design):

- Alder Lake PS Celeron 7305L,
- Raptor Lake PS U300L, Raptor Lake PS Core 5-120UL

45W class (fanbased):

- Raptor Lake PS Core 3-100HL, Raptor Lake PS Core 5-120HL

Main Memory

- 8 GB – 32 GB DDR5 RAM

Onboard Interfaces

- USB (3.0): 2
- USB-C (PD 5V/12V + DisplayPort): 1
- USB-C (PD 5V/24V for printer or I/O Hub): 1
- Ethernet LAN: 1Gbit/s: 1

Interface Extension Board Option

- USB (2.0): 2
- PoweredUSB (12V): 2
- RS232 (switchable 0/5/12V): 1
- Cash drawer: 1

Interface Hub Options

- H3342 Multi I/O Hub
- Multi Interface Hub Gen. 2

Storage Media

- 1x M.2 NVMe SSD

Adaptable Peripherals

- MSR, iButton, NFC/RFID, 2D BCR, FPR
- Rear-mounted customer display (8"/10")

Integrated Features

- Loudspeaker 2W: 1
- Firmware TPM 2.0
- WLAN/Bluetooth option

Color Options

- Black

System Management

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

SOFTWARE OPTIONS

OPERATING SYSTEMS:

- Windows 10 IoT Enterprise LTSC 2021
- Windows 11 IoT Enterprise LTSC 2024
- DNL2
- Designed for any POS application

WIDTH: 339 mm (13.3 inches)

HEIGHT: 378 mm (14.9 inches)

Fanless and enclosed system design

DEPTH: 207 mm (8.15 inches)

Dimensions (HxWxD)
With Stand
Height: 378 mm (14.9 inches)
Width: 339 mm (13.3 inches)
Depth: 207 mm (8.15 inches)
Weight: ~ 5.0 Kg (11 lbs)

Without Stand
Height: 273 mm (10.7 inches)
Width: 339 mm (13.3 inches)
Depth: 49mm (1.9 inches)
Weight: ~ 3.0 Kg (6.6 lbs)

The look, dimensions, capabilities or other characteristics of this terminal are subject to continual improvement and change

Power Consumption

BEETLE A2010 (15")	Soft off (W)	Sleep (W)	Idle (W)	Performance (W)
Celeron 7305L	0,4	1,5	26	37
U300L	0,4	1,5	25.3	43
Core 5-120UL	0,4	1,5	24.8	45
Core 3-100HL	0,4	1,5	26.9	48
Core 5-120HL	0,4	1,5	27.3	48
Core 3-100UL	0,4	1,5	24.8	43

Learn more at **DieboldNixdorf.com/DNSeriesBeetle.**