Discover More of What You Want and More of What Your Customers Need

The way people checkout is rapidly changing, and checkout solutions play a key role in a modern consumer journey. Introducing an enhanced selection of options in the DN Series™ BEETLE A Family: the A1070/ A1170 and A1071/ A1171. Incorporating the new Intel Coffee Lake controller module with the Gen 8 and 9 processor technology, our latest BEETLE A Family solutions feature a high-performance fan-cooled system, with the familiar display unit sizes you're used to (15" and 15.6"). The DN Series BEETLE A1x70 system features an H310 chipset; the A1x71 system features a Q370 chipset.

Its modular and scalable design, consistent software and common components simplify maintenance, offer unimaginable upgrade capabilities, protect your investments and make the system the perfect solution for stores and restaurants around the globe. The BEETLE A Family empowers you to be more.

Be Available
The BEETLE A Family is a robust solution that combines industrial-grade reliability with the elegance of a state-of-the-art product design:

• Splash-proof system design fulfills IP54 specifications

• Designed for service-friendliness

Be Integrated and Modular
A common modular hardware platform consisting of interchangeable touch panels, motherboards, I/O hubs, 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.

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

• Intel's latest processor technology combines scalable performance with outstanding efficiency

• A scalable I/O interface concept enables tailored connectivity

• Integrated wireless LAN and VESA mounting support flexible installations throughout the store on a counter, pole or wall

• Adaptable peripherals save valuable counter space: magnetic card reader, iButton, NFC reader, 2D BCR and customer displays in various sizes

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Technical Specifications

DISPLAY
- Choice of: 15.6˝ LED-backlit LCD, 16:9 and 15˝ LED-backlit LCD, 4:3
- Full-HD resolution 1,920 x 1,080 (15.6˝)
- Projected capacitive multi-touch

PROCESSORS
- Intel Celeron G4900T /2x 2.9 GHz
- Intel Core i3-9100TE /4x 2.2 -3.2 GHz
- Intel Core i5-9500TE /6x 2.2-3.6 GHz

MAIN MEMORY
- 4 GB – 32 GB DDR4 RAM

ONBOARD INTERFACES

- RS232 (powered/non-powered): 3
- USB (2.0/3.0): 3/1
- USB-C (PD 5V/12V + DisplayPort): 1
- USB-C (PD 5V/24V for printer or I/O Hub): 1
- Ethernet LAN: 1Gbit/s: 1
- Cash drawer: 1

I/O EXPANSION HUB
- USB-C (PD + DisplayPort)
- USB-C (uplink to system)
- Powered USB (12/24V): 1/1
- USB 3.0: 2
- RS232 (powered/non-powered): 3
- Ethernet LAN: 10/100/1000 Mbit/s
- Cash drawer

STORAGE MEDIA
- Up to 2x M.2 SSD

ADAPTABLE PERIPHERALS
- MSR - iButton – NFC/RFID - 2D BCR -Fingerprint
- Rear-mounted customer display

INTEGRATED FEATURES
- Loudspeakers
- Firmware TPM 2.0
- WLAN/Bluetooth option

COLOR OPTIONS
- Black or silver

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

POWER CONSUMPTION

BEETLE A117x
Cel. G4900T: 1.42W (Soft-Off), 1.57W (Sleep), 22.7W (Idle), 47.32W (Performance)
Core i3-9100TE: 1.36W (Soft-Off), 1.6W (Sleep), 23.7W (Idle), 69.08W (Performance)
Core i5-9500TE: 1.12W (Soft-Off), 1.32W (Sleep), 23.82W (Idle), 78.7W (Performance)

BEETLE A107x
Cel. G4900T: 1.29 (Soft-Off), 1.54W (Sleep), 19.77W (Idle), 44W (Performance)
Core i3-9100TE: 1.28W (Soft-Off), 1.54 (Sleep), 20.53 (Idle), 66.96W (Performance)
Core i5-9500TE: 1.10W (Soft-Off), 1.33W (Sleep), 20.8W (Idle), 76.4W (Performance)

Software Options

OPERATING SYSTEMS
- Windows 10 IoT Ent. 2019 LTSC
- WNLPOS (Linux)
- Designed for any POS application

DIMENSIONS

w/o Stand	Height	Width	Depth	Weight
A107x 15˝	273 mm (10.7˝)	339 mm (13.3˝)	49 mm (1.9˝)	~ 3 kg (6.6 lbs)
A117x 15.6˝	237 mm (9.3˝)	376 mm (14.8˝)	49 mm (1.9˝)	~ 2.5 kg (5.5lbs)

With Stand	Height	Width	Depth	Weight
A107x 15˝	378 mm (14.9˝)	339 mm (13.3˝)	207 mm (8.15˝)	~ 5 kg (11 lbs)
A117x 15.6˝	342 mm (13.5˝)	376 mm (14.8˝)	207 mm (8.15˝)	~ 4.5 kg (9.9lbs)

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

To learn more, **visit DieboldNixdorf.com.**