Expand Your Retail Network with the BEETLE Multi-Interface-Hub Gen. 2
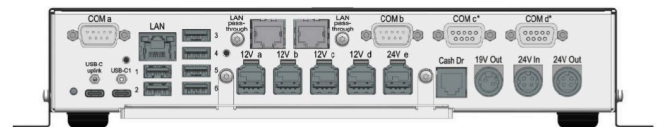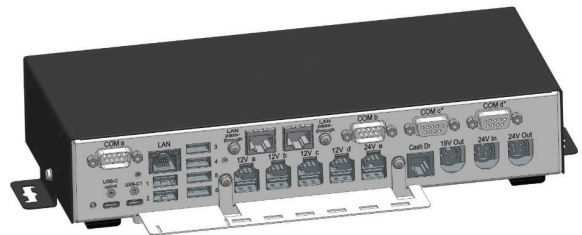
All-in-one POS systems have a limitation of integrated peripheral interfaces due to their design. The use of a modular interface hub offers a flexible solution here, on the one hand to improve the possibility of expanding I/O ports and on the other hand to improve serviceability through simplified cabling.

Innovative Technology

The BEETLE Multi-Interface Hub Gen. 2 is the latest generation of our Diebold Nixdorf USB I/O hub products. To this end, the hub uses the multifunctional and powerful USB Type-C interface to communicate with the DN Series BEETLE all-in-one POS system.

The I/O hub offers a comprehensive set of legacy as well as modern interfaces for connecting the various POS peripherals including DisplayPort with modern USB-interfaces and Ethernet network. This enables the migration of existing peripherals and future-proof integration for devices.

The I/O hub thus serves as a central service point for the connection of all peripheral devices at an all-in-one POS workstation. This means that the POS-specific peripherals are connected to the POS system via the multi-interface hub Gen.2 with only one cable, by means of USB-C. This also includes the 24V power supply of the POS system. In the event of service, this eliminates the tedious connecting and disconnecting of the cabling at the POS system, which thus significantly reduces the service effort.

Features

APPLICATION

All-in-one POS systems have a limitation of integrated peripheral interfaces due to their design. The use of a modular interface hub offers a flexible solution here, on the one hand to improve the possibility of expanding I/O ports and on the other hand to improve serviceability through simplified cabling.

HIGHEST RELIABILITY

The use of durable and reliable electronic industry standard components guarantees long and reliable operation.

COMMITMENT TO THE ENVIRONMENT

The products offer industrial-grade quality for years of service. The USB Type-C interface is a multi-functional single-cable solution for data, video signals and power, reducing the number of cables to be used.

Technical Data

WEIGHT

• approx. 1,2 kg

DIMENSIONS (W X H X D)

• 310 x 58 x 157 mm

POWER SUPPLY

• input voltage (24V DC in): max 5A
• output voltage (24V DC out): max 5A
• output voltage (19V DC out): max 3.5A

INTERFACES

• USB-C uplink port 24V to system unit: 1
• USB-C (with PD 5V/12V + DisplayPort): 1
• RS232 (non-powered): 2
• RS232 (powered): 2
• USB-A 2.0: 4
• USB-A 3.0: 2
• Powered USB 12V/24V: 4/1
• Cash drawer (24V): 1
• LAN (10/100/1000 Mbit/s): 1
• LAN (pass-through): 1 in + out

INSTALLATION OPTIONS

• Desktop
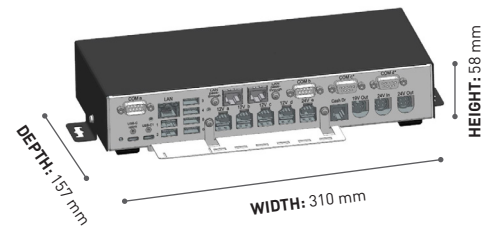• wall mounting horizontal/vertical
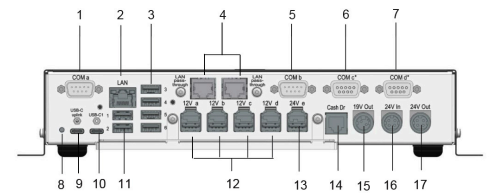
OPERATING TEMPERATURE

• 5°C to +40°C

TRANSPORT TEMPERATURE

• -25°C to +60°C

Dimensions

Height: 58 mm
Width: 310 mm
Depth: 157 mm
Weight: approx. 1,2 kg

1   COM a Standard RS232 (plug)
2   LAN 10/100/1000 Mbit/s
3   4x USB-A 2.0
4   LAN Pass-through (RJ45/RJ45)
5   COM b Standard RS232 (plug)
6   COM c* RS232 powered (socket)
7   COM d* RS232 powered (socket)
8   Status LED
9   USB-C 3.1 uplink
10   USB-C 3.1 - 1 (DP)
11   2x USB-A 3.0
12   4 x powered USB 2.0/12V
13   PoweredUSB 2.0/24V
14   Cash drawer (RJ12)
15   Power supply 19 V (DC out) for Aures YUNO POS system, only as alternative to (17)!
16   Power supply 24 V (DC in)
17   Power supply 24 V (DC out) for BEETLE POS system, only as alternative to (15)!

*supplied with power supply

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