



Breeze Ultra WS

All-in-One

Introducing the Breeze Ultra Widescreen, an all-in-one solution designed to streamline your business operations. Its modular design features a removable motherboard for quick servicing, minimizing downtime. With multiple I/O ports, the Breeze Ultra WS easily connects to accessories like barcode scanners, printers, payment devices, cash drawers, and customer-facing displays. Built for flexibility, it adapts to unique business needs as they evolve. Experience peak modularity, connectivity, and efficiency with the Breeze Ultra WS. **Discover the Touch Dynamic Difference.**



KEY FEATURES & BENEFITS

Reliable Performance

- ★ Intel® Alder Lake Options
- ★ Up to 64GB of High-Speed DDR4 Memory
- ★ 15.6" Full HD Widescreen
- ★ Removable Motherboard for Easy Servicing
- ★ Multiple I/O Ports for Multifunctional Connections

Custom Configuration

- ★ 2 Additional Powered USBs 12V & 24V
- ★ 2nd LAN Option
- ★ Optional 11.6" or 15.6" Rear Display

DESIGNED AS AN IDEAL SOLUTION FOR:



Restaurants



Casino



Retail



Healthcare



AND MORE!

CONTACT US



Breeze Ultra WS

All-in-One

TOUCH
DYNAMIC

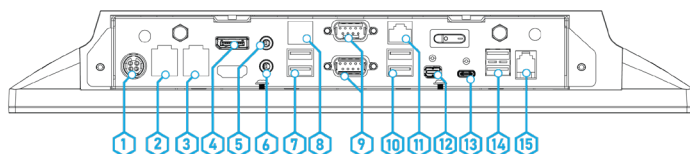
Product Specifications

CPU / Processor	Intel® Alder Lake i3-12100TE Intel® Alder Lake i5-12500TE Intel® Alder Lake i7-12700TE
Memory	2 x DDR4 RAM slots up to 32GB each (64 GB total)
Storage	2 x M.2 NVMe slots, RAID 0/1 supported
Supported OS	Windows 10 IoT Enterprise, Windows 11 IoT Enterprise, Windows 11 Pro, Linux
I/O Ports	4 x USB 3.0 2 x USB 2.0 1 x USB-C (full function, alternate video mode) 1 x custom miniDP (convertible to HDMI or VGA) 1 x DisplayPort 2 x DB9 Serial (powered RS232) 1 x RJ45 Gigabit LAN (additional LAN optional) 1 x R-J11 Cash Drawer Port 1 x 4-PIN locking power connector DC jack 1 x Line-Out 1 x Mic-In 1 x 12V powered USB (option) 1 x 24V powered USB (option)
Display	15.6" Widescreen True-Flat (1920 x 1080)
Power	120W / 19V or 180W / 19V (if using powered USB option)
Peripheral (options)	3-Track MSR (USB) HID global fingerprint reader (USB) LCM 2x20 customer display (USB) 11.6" and 15.6" 2nd display with touch 2D Honeywell barcode scanner Camera Supports most common PIN pads available from Ingenico, PAX, Verifone, IDTECH and others
Dimensions	14.49" W x 11.48" H x 8.8" D

*PD = Power Delivery

Product specifications and data are subject to change without notice.

I/O Interfaces



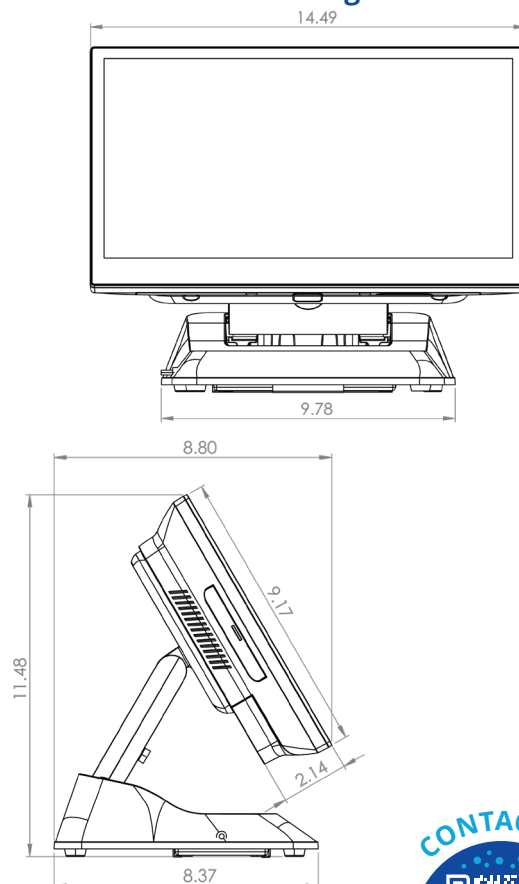
- | | |
|----------------------------------|---------------------------|
| 1 DC-IN LOCKING CONNECTOR | 9 DB9 SERIAL (2 PORTS) |
| 2 12V POWERED USB (OPTION) | 10 USB 3.0 (2 PORTS) |
| 3 24V POWERED USB (OPTION) | 11 RJ-45 NETWORK PORT #2 |
| 4 DISPLAYPORT | 12 CUSTOM MINIDP |
| 5 LINE-OUT | 13 USB-C |
| 6 MIC-IN | 14 USB 2.0 (2 PORTS) |
| 7 USB 3.0 (2 PORTS) | 15 RJ-11 CASH DRAWER PORT |
| 8 RJ-45 NETWORK PORT #1 (OPTION) | |

Default Configurations

Product Code	Description
BB5380N0NNNN-LNNB	Intel i3 Alder Lake CPU, 8GB RAM, 128GB NVME SSD, WIN 11 IOT*, Ultra Base I (Foldable)
BB5380N0NNNN-1NNB	Intel i3 Alder Lake CPU, 8GB RAM, 128GB NVME SSD, WIN 11 PRO, Ultra Base I (Foldable)
BB5580N0NNNN-1NNB	Intel i5 Alder Lake CPU, 8GB RAM, 128GB NVME SSD, WIN 11 IOT*, Ultra Base I (Foldable)
BB5580N0NNNN-1NNB	Intel i5 Alder Lake CPU, 8GB RAM, 128GB NVME SSD, WIN 11 PRO, Ultra Base I (Foldable)
BB5780N0NNNN-LNNB	Intel i7 Alder Lake CPU, 8GB RAM, 128GB NVME SSD, WIN 11 IOT*, Ultra Base I (Foldable)
BB5780N0NNNN-1NNB	Intel i7 Alder Lake CPU, 8GB RAM, 128GB NVME SSD, WIN 11 PRO, Ultra Base I (Foldable)

*WIN 10 IOT also available

Breeze Ultra WS Drawing



CONTACT US



888.508.6824

contact@touchdynamic.com

www.touchdynamic.com