

# Breeze 185 All-In-One

A sleek All-In-One for Big Tasks



## Highlights

- Rackable Motherboard
- Up to 6 USB Ports
- Up to 16GB Ram
- Fanless CPU's up to Intel i3

## Intel CPU Choices

- Atom Dual Core D2550 1.86G Fanless
- Celeron Dual Core 1037U 1.8G Fanless
- i3-3217U Dual Core 1.8G Fanless

## Widescreen Touch Display Options

- 18.5" LED Bezel-less Resistive Touch
- 18.5" LED Bezel-less Projected Capacitive Touch (PCAP)

## Peripheral Options

- Integrated 3 Track MSR
- Integrated 3 Track MSR Encrypted
- Integrated Biometric Reader
- Integrated Internal Wireless LAN 802.11 a/b/g/n
- Integrated Customer Display's 2x20 VFD, 8", 12" or 15" Rear LCD
- Up to 2 additional Video Ports
- Integrated Web Camera
- Universal Printer Base with Integrated Thermal Printer

The Breeze 185 All-In-One is an advanced next generation design. The Breeze 185 boasts a 18.5" LED LCD with either bezel-less resistive touch or projected capacitive touch. The Breeze 185 boasts CPU's up to Intel i3-1.8 with a fanless cooling solution. The Breeze 185 leverages Touch Dynamic's legendary rackable motherboard design found in the Breeze and Breeze *Performance All-In-One* making the Breeze 185 All-In-One field upgradeable and easy to service





| Breeze 185 All-In-One    |  |   |
|--------------------------|--|---|
| CPU                      | Intel Atom D2550 Dual Core 1.86Ghz, L2 Cache 1MB   | Intel Ivy Bridge<br>Celeron 1037u Dual Core 1.8Ghz Intel Smart Cache 2MB<br>i3-3217u Dual Core 1.8Ghz Intel Smart Cache 3MB |
| Chipset                  | Intel NM10 express chipset                         | Intel HM76 express chipset  |
| System Memory            | 2x DDR3 So-DIMM up to 4GB, 1066Mhz                 | 2xDDR3 So-DIMM up to 16GB, 1333/1600Mhz   |
| Graphics                 | Intel GMA 3650 640Mhz, DX9                         | Intel HD Graphics 4000, 350-1350Mhz,DX11  |
| Cooling type             | Fanless  | Fanless   |
| 32/64 bit support        | 32Bit OS support                                   | 32 and 64Bit OS support   |
| Display                  |  |   |
| Screen size              | 18.5"  | 18.5"   |
| Aspect Ratio             | 16:9   | 16:9  |
| Native Screen Resolution | 1366x768 (widescreen)                              | 1366x768 (widescreen)   |
| LCD backlight type       | LED  | LED   |
| LCD Brightness           | 250cd/m2   | 250cd/m2  |
| Touch Glass              | True Flat Resistive or Projected Capacitive        | True Flat Resistive or Projected Capacitive   |
| Storage                  |  |   |
| Hard Drive               | 2 x 2.5" SATA HDD                                  | 2 x 2.5" SATA HDD   |
| Flash Memory             | SATA SSD (Option)                                  | SATA SSD (Option)   |
| Expansion                |  |   |
| Mini-PCI express slot    | 1  | 1   |
| External I/O             |  |   |
| USB                      | 4 (USB2.0)   | 6 (4xUSB2.0, 2xUSB3.0)  |
| Serial Ports             | 4 x RJ45 (COM2,3,4 Power option 5V/12V)            | 4 x RJ45 (COM2,3,4 Power option 5V/12V)   |
| Parallel Port            | 1 (DB25 Female)                                    | 1 (DB25 Female)   |
| PS/2 Keyboard port       | 1  | 1   |
| Network                  | Gigabit LAN  | Gigabit LAN, 2nd LAN available as an option   |
| Audio                    | 3.5mm jack line-out and 3.5 jack line-in (MIC)     | 3.5mm jack line-out and 3.5 jack line-in (MIC-option)   |
| 2nd VGA                  | 1x DB15 (power option available)                   | 1x DB15 (power option available)  |
| 3rd VGA                  | Not Available                                      | 1x DVI-D (option)   |
| Cash Drawer Port         | 1 x (12V/24V)                                      | 1 x (12V/24V)   |
| DC Jack                  | 1 x DC 19V   | 1 x DC 19V  |
| Power Button             | 1  | 1   |
| Wireless Antenna         | 1 (option)   | 1 (option)  |
| Optional Peripherals     |  |   |
| MSR                      | IDTech ISO 3-Track USB MSR                         | IDTech ISO 3-Track USB MSR  |
| Fingerprint Reader       | Digital Persona U.R.U.                             | Digital Persona U.R.U.  |
| Wireless LAN             | miniPCI-express Wireless lan module 802.11 a/b/g/n | miniPCI-express Wireless lan module 802.11 a/b/g/n  |
| 2nd LAN                  | Not available                                      | available via mPCIe expansion   |
| Front Camera             | 2MP with TrueFlat P-CAP                            | 2MP with TrueFlat P-CAP   |
| Scanner                  | 2D Barcode scanner                                 | 2D Barcode scanner  |
| Customer Display         | 2x20 Display or 8", 12", 15" Rear LCD              | 2x20 Display or 8", 12", 15" Rear LCD   |
| Cable Manager            | Secured with 2 screws                              | Secured with 2 screws   |
| Audio                    |  |   |
| Internal Speaker         | (2) Internal 3W Speakers                           | (2) Internal 3W Speakers  |
| Power                    |  |   |
| Power Adapter            | External 90W 19V 3.4A DIN connector                | External 90W 19V 3.4A DIN connector   |
| Certificate              |  |   |
| EMC & Safety             | FCC Class A, CE, LVD                               | FCC Class A, CE, LVD  |
| Environment              |  |   |
| Operating Temperature    | 32°F ~ 95°F  | 32°F ~ 95°F   |
| Storage Temperature      | -4°F ~ 140°F                                       | -4°F ~ 140°F  |
| Operating Humidity       | 20% ~ 85% RH non condensing                        | 20% ~ 85% RH non condensing   |
| Storage Humidity         | 20% ~ 85% RH non condensing                        | 20% ~ 85% RH non condensing   |
| Dimension (no base)      | 18.2x2.4x11.2 inches                               | 18.2x2.4x11.2 inches  |
| Weight                   | 12 lbs   | 12 lbs  |
| Stand                    | With built-in power supply (optional)              | With built-in power supply (optional)   |
| Mounting                 | 100 x 100 mm, 75 x 75 mm VESA Standard             | 100 x 100 mm, 75 x 75 mm VESA Standard  |
| OS Support               | Windows XP, POSReady09, Windows7, POSReady7        | Windows XP, POSReady09, Windows7, POSReady7, Windows 8, Windows 8 Embedded Industry Retail                                  |

