

# TOUCH DYNAMIC

## Breeze ALL-IN-ONE



**Breeze AIO**  
with MSR



**Breeze AIO**  
Breeze AIO with  
Printer Base and  
MSR/URU



**Breeze AIO**  
with Printer Base  
and 8" Rear LCD

### CPU Choices

- Intel Atom Dual Core D2550 1.86Ghz Fanless
- Intel Celeron 1037u 1.8Ghz Fanless
- Intel i3-3217u 1.8Ghz Fanless

### Touch Display Options

- 15" True Flat Elo Resistive Touch
- 15" True Flat Projected Capacitive

### Peripheral Options

- Integrated 3in1 MSR  
(Standard or Encrypted)
- Integrated Fingerprint Reader
- Integrated Barcode Scanner
- Integrated Internal Wireless LAN  
802.11 a/b/g/n
- Integrated 2 x 20 VFD, 8", 12" or 15" Rear LCD  
Customer Display

The Breeze All-In-One system is a revolutionary product in All-In-One design. The Breeze supports Intel Atom Dual Core 1.86Ghz Fanless, Celeron 1037U 1.8Ghz Fanless and i3-3217U 1.8Ghz Fanless CPU's. The Breeze's unique ability to slide out the motherboard gives both the end-user and reseller an easy upgrade and service path. The Breeze also boasts a quick detachable base and easy overall service features. The Breeze truly is a "breeze" to service and delivers the quality and stability you need in your demanding applications



| Motherboard              |   |   |
|--------------------------|---|---|
| CPU                      | Intel Atom D2550 Dual Core 1.86Ghz<br>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 NM76 express chipset  |
| System memory            | 2x DDR3 So-DIMM up to 4GB, 1066Mhz                              | 2x DDR3 So-DIMM up to 16GB, 1333/1600Mhz, DX11  |
| Cooling type             | Fanless   | Fanless   |
| 32/64 bit support        | 32 bit OS Support   | 32 and 64 bit OS Support  |
| Display                  |   |   |
| Screen size              | 15"   | 15"   |
| Aspect ratio             | 4:3   | 4:3   |
| Native screen resolution | 1024x768  | 1024x768  |
| LCD backlight type       | LED   | LED   |
| LCD brightness           | 300cd/m2  | 300cd/m2  |
| Touch glass              | True Flat Elo Resistive Touch or True Flat Projected Capacitive | Elo Resistive, ELO True Flat Resistive or True Flat Projected Capacitive  |
| Storage                  |   |   |
| Hard drive               | 1 x 2.5" SATA HDD   | 1 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 (USB 2.0)   | 6 (4 x USB 2.0, 2 x USB 3.0)  |
| Serial ports             | 4xRJ45 (COM 2,3,4 power option 5V/12V - enabled in BIOS)        | 4xRJ45 (COM 2,3,4 power option 5V/12V - enabled in BIOS)  |
| Parallel port            | 1 (DB25 female)   | 1 (DB25 female)   |
| PS/2 keyboard port       | 1   | 1   |
| Network                  | Gigabit LAN   | Gigabit LAN, 2nd LAN available as 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                  | 1 x DB15 (power option available)                               | 1 x DB15 (power option available)   |
| 3rd VGA                  | Not available   | 1 x 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 MSR (USB or PS2), Encrypted Magtek USB MSR   | IDTech ISO 3-Track MSR (USB or PS2), Encrypted Magtek USB MSR   |
| Fingerprint reader       | Digital persona URU (USB interface)                             | Digital persona URU (USB interface)   |
| Wireless LAN             | mini-PCI express Wireless LAN module 802.11a/b/g/n/ac           | mini-PCI express Wireless LAN module 802.11a/b/g/n/ac   |
| 2nd LAN                  | Not available   | available via mPCIe expansion   |
| Scanner                  | Integrated 2D Barcode scanner                                   | Integrated 2D Barcode scanner   |
| Customer display         | 2x20 Display 8", 12", 15" rear LCD                              | 2x20 Display 8", 12", 15" rear LCD  |
| Printer base             | Compatible with printer base (T70II and T25 printers)           | Compatible with printer base (T70II and T25 printers)   |
| Wallmount                | Wallmount option available                                      | Wallmount option available  |
| Cash drawer port         | 1 x (12V/24V)   | 1 x (12V/24V)   |
| Audio                    |   |   |
| Internal Speaker         | Internal 2W speaker   | Internal 2W speaker   |
| 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    | 32F - 95F   | 32F - 95F   |
| Storage temperature      | -4F - 140F  | -4 - 140F   |
| 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 (w/base & MSR) | 13.6x16.9x9.9 in  | 13.6x16.9x9.9 in  |
| Weight (w/base & MSR)    | 17lbs   | 17lbs   |
| Mounting                 | 100x100mm, VESA Standard  | 100x100mm, VESA Standard  |
| OS Support               | POSReady09, Windows 7, POSReady7, Windows 8.1                   | POSReady09, Windows 7, POSReady7, Windows 8, Windows 8 embedded Industrial Retail, Windows 8.1                              |





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