



# 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 L2 Cache 1MB	Intel Ivy Bridge Celeron 1037u DUAl Core 1.8Ghz Intel Smart Cache 2MB 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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