

# Breeze ALL-IN-ONE

Versatile All In One Touch Terminal  
for Multiple Markets and Needs



Up to i3-3217U 1.8Ghz Fanless Processor | Up to 16GB RAM



**Breeze AIO**  
with MSR



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



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

## Designed to Provide Enhanced Computing Performance and Versatility

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

## Now Available with our Universal Printer Base

Touch Dynamic redefines the all-in-one design by integrating a Thermal receipt printer into any of our popular all-in one terminals. The compact design of the base allows for easy setup, and will save precious counter space and reduce cable

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

### Peripheral Options

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



15" Touch Display • Up to i3-3217U 1.8Ghz Fanless Processor  
Up to 16GB Memory • True Flat Touch Screen

Breeze All-in-one		
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 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	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	ELO Resisitive,ELO True Flat Resistive or True Flat Projected Capacitive	ELO Resisitive,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 (USB2.0)	6 (4xUSB2.0, 2xUSB3.0)
Serial Ports	4 x RJ45 (COM2,3,4 Power option 5V/12V- enabled in BIOS)	4 x RJ45 (COM2,3,4 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 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 MSR (USB or PS2), Encrypted Magtek USB MSR	IDTech ISO 3-Track MSR (USB or PS2), Encrypted Magtek USB MSR
Fingerprint Reader	Digital Persona U.R.U. (USB interface)	Digital Persona U.R.U. (USB interface)
Wireless LAN	miniPCI-express Wireless LAN module 802.11 a/b/g/n/ac	miniPCI-express Wireless LAN module 802.11 a/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 or 8", 12", 15" Rear LCD	2x20 Display or 8", 12", 15" Rear LCD
Printer Base	Compatible with the Printer Base (T70I and T25 printers)	Compatible with the Printer Base (T70I and T25 printers)
Wallmount	Wallmount option available	Wallmount option available
Audio		
Internal Speaker	Internal 2W Speakers	Internal 2W 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 (w/base & MSR)	13.6x16.9x9.9 inches	13.6x16.9x9.9 inches
Weight (w/base & MSR)	17 lbs	17 lbs
Mounting	100 x 100 mm, VESA Standard	100 x 100 mm, VESA Standard
OS Support	Windows XP, POSReady09, Windows7, POSReady7	Windows XP, POSReady09, Windows7, POSReady7, Windows 8, Windows 8 Embedded Industry Retail

