



Breeze 185 All-In-One



Highlights

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

CPU Choices

- Intel Atom Dual Core D2550 1.86G Fanless
- Intel Celeron 1037u 1.8G Fanless
- Intel i3-3217u 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 3in1 MSR (Standard or Encrypted)
- Integrated Fingerprint Reader
- Integrated Internal Wireless LAN 802.11 a/b/g/n
- Integrated 2x20 VFD, 8", 12" or 15" Rear LCD Customer Display
- Up to 2 additional Video Ports
- Integrated Web Camera

The Breeze 185 All-In-One is an advanced next generation design that boasts an 18.5" LED LCD with either bezel-less True Flat Resistive Touch or Projected Capacitive Touch. The Breeze 185 boasts CPU's of up to Intel i3-1.8 and offers a fanless cooling solution.

Touch Dynamic has once again leveraged it's legendary rackable mother-board design making the Breeze 185 field upgradeable and easy to service.



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
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 SDD (option)	SATA SDD (option)
Expansion		
Mini-PCI express slot	1	1
External I/O		
USB	4 (USB 2.0)	6 (4xUSB 2.0, 2xUSB 3.0)
Serial ports	4 x RJ45(COM2,3,4 Power option 5V/12V)	4 x RJ45(COM 2,3,4 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	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 USB MSR	IDTech ISO 3-Track USB MSR
Fingerprint reader	Digital persona URU	Digital persona URU
Wireless LAN	miniPCI-e Wireless LAN module 802.11a/b/g/n	miniPCI-e Wireless LAN module 802.11a/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 speakers	(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	32F ~ 95F	32F ~ 95F
Storage temperature	-4F ~ 140F	-4F ~ 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 (no base)	18.2 x 2.4 x 11.2 in	18.2 x 2.4 x 11.2 in
Weight	12lbs	12lbs
Stand	With built-in power supply (optional)	With built-in power supply (optional)
Mounting	100 x100 mm, 75 x 75 mm VESA Standard	100 x100 mm, 75 x 75 mm VESA Standard
OS support	POS Ready09, Windows 7, POS Ready7, Windows 8.1	POSReady09, Windows 7, POSReady7, Windows 8, Win-dows 8 embedded Industrial Retail, Windows 8.1

