POP-650

Modular Fanless
All-in-one POS System

More Info

- Integrated Side I/O Ports for Easy Peripherals Installation
- Stylish Design & Robust Die-cast Aluminum Housing
- Energy-saving Atom D2550 (Dual Core 1.86GHz)
- Spill Proof Full-flat Touch Screen LCD Monitor
- Modular VFD Rear Display & MSR/i-Button
- Optional 10.4 inch Secondary LCD Display
- High-speed 250 mm/sec Embedded Thermal Receipt Printer
- Versatile I/O support: USB 2.0/ RS-232/ RJ-11/ RJ-45… etc.
- Magnetic Lock Rear Cover for Easy Cable Management
- Fanless Cooling System

3" Thermal Receipt Printer
Embedded in Base

Easy HDD Replacement

Modular Rear VFD Display,
20 Columns x 2 Lines

10.4" Secondary
LCD Display

Spill Proof Full Flat
Touch Screen Monitor

Sleek & Compact Design

Specifications

	POP-650-D2550	POP-650-B	POP-650-i
Main Board			
CPU	Intel Atom D2550 Dual Core (1.86 GHz, 1M Cache)	Bay Trail-D Platform, Celeron® J1900 (2.0 GHz, 2M Cache)	Core i7 3630QM , 2.4GHz (6M Cache, up to 3.40 GHz) Core i5 3320M , 2.6GHz (3M Cache, up to 3.30 GHz) Core i3 3120M , 2.5GHz (3M Cache, 2.50 GHz) Celeron B810 (2M Cache, 1.6 GHz)
Chipset	NM10	---	Intel QM77
System Memory	1 x 204 pin DDR3 SO-DIMM Socket, up to 4GB	1 x DDR3 SO-DIMM 1333MHz, up to 8 GB	2 x 204 pin DDR3 SODIMM Socket, up to 16GB
Graphic	Intel D2550 integrated, Share System Memory	Intel® HD Graphics	Intel HD Graphics 4000, Share System Memory
OS Support	POS Ready 2009, POS Ready 7, XP Pro, Vista, Windows 7, Linux		
Display			
Display Type	15" Full Flat LCD Monitor		
Brightness	250 nits		
Resolution	1024 x 768 pixels		
Touch Screen	5 Wire Resistive Type or Projective Capacitive		
Tilting Angle	35~90 Degrees		
Storage			
HDD	1 x 2.5" SATA for HDD or SSD	1 x 2.5" SATA for HDD or SSD	1 x 2.5" SATA for HDD or SSD
Auxiliary Storage	1 x mSATA	1 x CFast Slot	1 x CFast Slot
Interface			
Serial	3 x COM with Power Selected 5/12V (COM 1/2/6), 1 x COM without Power Output (COM 4) Select by Jumper	4 x COM (DB9, with COM 1/COM 2 power output, +5VDC/+12VDC, selectable by Jumper)	4 x COM (3 x DB9, 1 x RJ45, with power output, 5/ 12V selectable)
USB	5 x USB 2.0 (External), 3 x USB 2.0 (Internal, reserved for touch screen, Wi-Fi, and MSR)	1 x USB 3.0 (External), 4 x USB 2.0 (External, 2 x bottom/ 2 x side)	2 x USB3.0 (External), 4 x USB2.0 (External), 3 x USB2.0 (Internal, reserved for touch screen, Wi-Fi, and MSR)
PS/2	1x mixed PS/2 (for mouse or keyboard)		
LAN	1 x RJ-45 Giga LAN		
VGA	1 x DB-15, Female		
DC Out	1 x +12VDC Jack for Customer Display or 2nd Display, 1 x +24VDC reserved for Printer Unit		
Cash Drawer	1 x RJ-11, 12/ 24 VDC Selectable		
Audio Jack	1 x Line Out, 1 x MIC In, 1 x Internal Speaker 2W		
Other			
Power Input	+12VDC 180W, 4-pin Connector with Lock (External Adaptor: 100~240 VAC, 50/60HZ)		
Color	Silver, Black		
Dimensions (mm)	391x 266 x 395		
Weight	8.5 Kg		
Certificate	FCC / CE / WEEE / RoHS		
Operating Temperature	0°C~40°C		
Operating Humidity	20% ~ 80% RH non-condensing		
Storage Temperature	-20°C~60°C		
Storage Humidity	20%~85% RH non-condensing		