



Zircon POS

All-in-one Touch Screen POS System

The Zircon POS is a multi-functional, fully integrated all-in-one POS system intended to meet the needs of different market segments. With a combination of a pos terminal (equipped with a powerful Atom D525 dual core CPU), a high-speed 250mm/sec thermal receipt printer and a dual-line vacuum fluorescent customer pole display, the Zircon POS is especially suitable for retail or hospitality services. It is equipped with a 15 inch full flat touch screen LCD monitor to provide its user a better viewing experience and optimal spill proof performance. The i-button and magnetic stripe card reader (MSR) are also embedded seamlessly into the housing for higher-level operation.

- Intel Atom Core Dual 1.8GHz Processor
- DDR3 RAM Module (up to 4G)
- Smart Fan Cooling System
- Gigabit LAN Port
- Spill Proof Full-flat Touch Screen LCD Monitor
- Versatile I/O Supported: USB 2.0/ RS-232/ RJ-11/ RJ-45... etc.
- Integrated Peripherals: Receipt Printer/ MSR/ i-Button
- Space Saving, Easy Access to Hard Disk Drive for Improved Maintenance
- Easily Detachable/ Replaceable Receipt Printer & Customer Display

Images & Features



More Detail



Easily Removable HDD (1 Screw)



Easily Accessed Side I/O Ports



Zircon POS Back View



Customer Display Angle Adjustable



Receipt Printer & Customer Display Detachable



Embedded MSR & I-Button (Optional)



Separate Power Supplies for The Printer and The Terminal



More Detail



Zircon POS Back View



Specifications

Model	POP-950-D5
Main Board	
CPU	Intel Atom D525 Dual Core (1.8GHz, 1MB Cache)
Chipset	Intel D525 + ICH8M
System Memory	2 x 204pin DDR3 SODIMM Socket, up to 4GB
Graphic Memory	Share System Memory 64~224MB
OS Support	Linux, POS Ready 2009, POS Ready 7, Windows XP Pro, Vista, Windows 7
Display	
Display Type	15" LCD Monitor
Brightness	250 nits
Resolution	1024 x 768 Pixel
Touch Screen	Flat 5 Wire Resistive Type
Tilting Angle	Fixed 50 Degree
Storage	
HDD	1 x 2.5" SATA
Compact Flash	1 x Slot Type I II
Interface	
Serial	2 x COM with Power Selected 5/ 12V 1 x COM without Power Output
Parallel	1 x DB25 Parallel Port
USB	6 x USB 2.0 (External) 2 x USB 2.0 (Internal, 1 reserved for touch screen)
Mini-PCle	1 x Internal
PS/ 2 Mouse	1 x 6-pin Mini DIN
PS/ 2 Key Board	1 x 6-pin Mini DIN
LAN	1 x RJ-45, Giga LAN Support
VGA	1 x DB-15, Female
DC Out	1 x 12VDC Jack for Customer Display or 2nd Display
Cash Drawer	1 x RJ-11, 12/ 24 VDC Selectable
Audio Jack	1 x Line Out, 1 x MIC In, 2 x Internal Speaker 2W
Others	
Power Input (Main Unit)	12VDC 90W, 4-pin Connector with Lock (External Adaptor: 100 ~ 240 VAC, 50/ 60HZ)
Power Input (Printer Unit)	24VDC/ 2.5A (External Adaptor 10 0~ 240VAC 50/ 60Hz)
Color	White, Black, Orange
Compliance	FCC/ CE/ WEEE/ RoHS
Weight	8.5 Kg
Dimension (W x D x H:mm)	370 x 320 x 300
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