



# Zircon POS

All-in-one Touch Screen POS System



The new Zircon POS is a multi-functional, fully integrated all-in-one POS system intended to meet the needs of different market segments. With the combination of POS terminal, receipt printer and customer display, POP-950 is especially suitable for retail or hospitality services.

The innovative Ziron POS consists of a powerful Atom D525 dual core POS terminal, a high-speed 250mm/sec thermal receipt printer and a dual-line vacuum fluorescent customer pole display. With its sleek and stylish housing, POS-950 supplies a 5 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 1.8Gz Processor
- DDR3 RAM Model (up to 4G)
- Spill Proof Full-Flat Touch Screen LCD Monitor
- Smart Fan Cooling System
- Gigabit LAN Port
- Versatile I/O Supported: USB 2.0 / RS-232 / RJ-11 / RJ-45... etc.
- integrated peripherals: Receipt Printer / MSR / Customer Display and i-button
- Space Saving, Easy Access to Hard Disk Drive For Improved Maintenance
- Easily Detachable/Replaceable Receipt Printer And Customer Display



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)



Separated Power Adaptors &  
Neat Cable Routing

Full-Flat Touch Screen



# Zircon POS

All-In-One Full-Flat Touch Screen POS

| <b>Model</b>                | <b>POP-950-D5</b>                                                               |
|-----------------------------|---------------------------------------------------------------------------------|
| <b>Main Board</b>           |                                                                                 |
| 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                                        |
| Graphics Memory             | Share System Memory 64~224MB                                                    |
| OS Support                  | Linux, POS Ready 2009, POS Ready 7, Windows XP Pro, Vista, Windows 7            |
| <b>Display</b>              |                                                                                 |
| 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                                                                 |
| <b>Storage</b>              |                                                                                 |
| HDD                         | 1 x 2.5" SATA                                                                   |
| Compact Flash               | 1 x Slot Type I II                                                              |
| <b>Interface</b>            |                                                                                 |
| Serial                      | 2 x COM with Power Selected 5/12V<br>1 x COM without Power Output               |
| Parallel                    | 1 x DB25 Parallel Port                                                          |
| USB                         | 6 x USB 2.0 (External)<br>2 x USB 2.0 (Internal, 1 reserved for touch screen)   |
| Mini PCIe                   | 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                               |
| <b>Others</b>               |                                                                                 |
| Power Input (Main Unit)     | 12VDC 90W, 4pin Connector with Lock<br>(External Adaptor: 100~240 VAC, 50/60HZ) |
| Power Input (Printer Unit)  | 24VDC/2.5A<br>(External Adapter 100~240VAC 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                                                     |
| <b>Optional Peripherals</b> |                                                                                 |
| Customer Display            | VFD / LCD, Pole Type                                                            |
| MSR                         | 3 Track, PS/2 or USB or COM                                                     |
| I-Button                    | Dallas Key RS232 I/F                                                            |
| 2nd Display                 | 12.1", 15" with or without Touch                                                |
| Wi-Fi                       | PCIe interface Module                                                           |