

SPT-7000 / SPT-7500



Theater Concessions / Ticket Booths / Box Offices



Dusty Environments Like Pizza and Bakeries



Cafeterias / Quick Service Restaurants



Tobacco Stores / Bars / Liquor Stores



Convenience Stores / Small Grocery Stores

Space Saving Highly Integrated POS Terminals



Ideal for POS Applications Where Counter Space is Limited

Fully integrated POS terminals, the SAM4s SPT-7000 – bezeled display model, and the SPT-7500 – true flat display model, include an integrated touch screen, card reader, power supply, thermal printer, and can be configured with an available integrated barcode scanner and fingerprint reader. With a footprint only 10½" wide by 12" deep the SPT-7000 is ideal for POS applications where counter space is at a premium such as ticket offices and concessions.

- 15" LCD with Resistive Touch
- Intel® Atom™ **Dual Core** 1.86GHz Processor
- Standard Integrated Thermal Receipt Printer and MCR
- Optional Integrated **Scantech ID®** Scanner
- Optional Integrated **Digital Persona®** Fingerprint Reader
- Optional 2 Line by 20 Character VFD, 7" LCD or 15" LCD Integrated Customer Displays
- Optional WiFi Module
- Integrated Power Supplies



Highly Integrated POS Terminal Components

Standard Integrated Printer

- The compact integrated thermal receipt printer incorporates user friendly features such as anti-jam technology and drop-in paper loading.
- 220mm per second print speed.
 - Stores/prints user defined graphic logos, coupons or advertising messages.
 - Prints watermarks.
 - Printer supports both USB and serial interfaces.
 - Connects to an internal USB port or to COM3 port with included cables.

Integrated Barcode Scanner Option

- The SAM4s SPT-7000 Series can incorporate a Scantech ID® integrated scanner with 24 scan lines in 6 scan directions and 2000 scans per second. The Scantech ID® scanner provides an outstanding scan performance and makes it very easy to scan all common type 1D barcodes, including GS1 DataBar, independent of a code's orientation.
- Features Scantech ID STAR® reconstruction software for reading of fragmented and damaged barcodes.
 - Extremely high first scan rate.
 - Auto-Sense function, which saves power and extends life.
 - Most compact omni-directional laser barcode scan engine in its class.
 - Connects to a dedicated internal USB port.

Integrated Fingerprint Reader Option

- The self-contained U.are.U 4500 Fingerprint Reader Module from Digital Persona® optically scans the fingerprint when the user touches the glowing window. Optical technology provides the highest quality fingerprint scans and reliability.
- Blue LED (in idle mode).
 - Excellent image quality.
 - Latent print rejection and counterfeit finger rejection.
 - Works well with dry, moist or rough fingerprints.
 - Connects to a dedicated internal USB port.

A Variety of Integrated Customer Facing Display Options

VFD Customer Display – Build a strong relationship with your customer by clearly displaying each item as it is registered. Customers can easily monitor the transaction as it is entered, clearly viewing the price of each item. The SAM4s display provides two lines with 20 characters per line, so that both the price and the description of the item are displayed simultaneously. With each transaction closely monitored by the customer, the opportunity for employee theft and fraud is limited.

- VFD 2 lines of 20 columns.
- 9.15mm high x 5.45mm wide character size.
- User-defined and international character set standard.
- Supports all popular emulations.
- Connects to a dedicated internal powered serial port.

LCD Customer Displays – SAM4s customer facing displays can be used to display transactional information such as pricing, product description, receipt totals, etc. Or use the display for customer-facing marketing like promotional messages and images. The customer facing LCD displays will display full color graphics and video via the VGA port. The displays receive power from the terminal so there is no need for a separate power adaptor "brick".

7" LCD

- 800 x 480 resolution.
- 250 cd/m2 brightness.

15" LCD

- 1024 x 768 resolution.
- 250 cd/m2 brightness.



Terminals – Ideal for POS Applications Where Counter Space is at a Premium

Touch Terminal Specifications

Processor:	Intel Atom D2550 1.86GHz (Dual Core) 1MB Cache
FSB (Front Side Bus):	1333 MHz
Socket Type:	BGA
Display –	SPT-7000: Bezeled 15" LCD SPT-7500: True Flat 15" LCD
Resolution:	1024 x 768
Maximum Brightness:	250 cd/m2
Integrated Speakers:	Integrated 2 Watt Speakers
Chipset:	NM10
Touch –	SPT-7000: ELO Resistive Touch SPT-7500: ABON Resistive Touch
MCR:	Integrated USB Interface Triple Track MCR Standard
Hard Drive:	2.5" With SATA Interface – 2 Slots
RAM Memory – 2 Slots:	DDR3 800 SODIMM 2GB Expandable To 4GB
Video Memory:	Shared System Memory Up To 384MB
CFast Memory:	Optional CFast Memory Card Slot
Serial Ports – 4 External:	COM1, COM2, COM4 = DB9M With Pin 9 0V/+5V/+12V (User Selectable in BIOS) COM3 = RJ45 Pin 1 +5V/+12V (Selectable by Jumper)
2 Internal:	COM5 = Primary Touchscreen COM6 = Rear Customer Display Port (VFD)
Parallel Port:	One DB25F
USB Ports:	6 V2.0 (2 Left Side of Screen / 4 Bottom)
Cash Drawer Port:	RJ11, Selectable 12V or 24V Selectable by Jumper (Maximum 2 Drawers – Supports Open/Close)
Keyboard / Mouse Port:	Not Applicable (Use USB Port)
LAN Port:	RJ45 10/100/1000 Base-T (Giga LAN) RealTek RTL8111DL
VGA Port:	One DB15F Display Port For Second LCD (Resolution Up to 1024 x 768)
Audio Port:	One Line-In / One Line-Out
Mic Port:	One Mic-In
Power Supply – Terminal:	75W, 12V/6.25A 100-240V 50-60Hz Integrated Power Adaptor
Printer:	60W 24V/2.5A 100-240V 50-60Hz Integrated Power Adaptor
Current / Power Usage:	0.37A / 45W
Operating Temperature:	32° F to 104° F
Compatible O/S:	POSReady 2009 / POSReady 7 / Winows Pro Embedded 7 / Windows Pro 8
Footprint:	10-1/2"W x 12"D
Dimensions:	14"W x 16-7/16"H x 12-3/16"D
Shipping Weight:	30 lbs. (Including Standard Printer and Card Reader)
Safety and EMI:	FCC / CE / RoHS

The attractive, powerful SPT-7000 Series is ideal for installations where space is at a premium and customer facing applications including retail scanning and many more like these:

- Airline Counters
- Automotive Services
- Box Office
- Concession Stands
- Convenience Stores
- Delis
- Digital Signage
- Dry Cleaners
- Financial/Banking
- Food & Drug Stores
- Gaming
- Gift Shops
- Health Food
- Hospitality
- Hotel Front Desk
- Interactive Workstations
- As a Kiosk
- Liquor Stores
- Medical
- Message Stations
- Quick Service Restaurant
- Rental Car Counters
- Retail Scanning
- Self Service
- Small Grocery
- Specialty Food Nutrition
- Specialty Grocery
- Streaming Video
- Table Service Restaurant
- Ticket Booths
- Tobacco Stores
- Training
- Unattended Workstations

SPT-7000 / SPT-7500 Touch Screen Terminals

The SAM4s SPT-7000 / SPT-7500 Modular Design Facilitates a Variety of Configurations...



Card Reader / Printer



Card Reader / Printer / Fingerprint Reader



Card Reader / Printer / Scanner + Fingerprint Reader

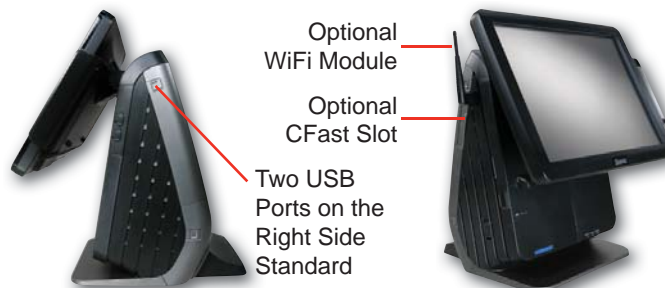
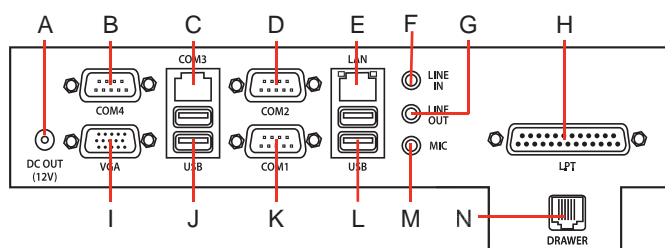
Options and Upgrades

Configure your system with these easy to add options:

- Integrated VFD Customer Display – 2 Lines x 20 Characters
- Integrated 7", 9.7" or 15" LCD Customer Displays
- Integrated Encrypting Triple Track Card Reader
- Integrated Fingerprint Reader
- Integrated Scanner + Fingerprint Reader
- WiFi Module
- CFast Slot / CFast Disk
- Solid State Drive

Connectivity

- A** DC-Out (12V) (For Rear or Remote LCD)
- B** COM4 (Powered)
- C** COM3 (Powered)
- D** COM2 (Powered)
- E** LAN
- F** Line-In
- G** Line-Out
- H** Parallel
- I** VGA (For Rear or Remote Display)
- J** USB (2)
- K** COM1 (Powered)
- L** USB (2)
- M** Mic-In
- N** Cash Drawer



Optional Integrated 15" LCD Customer Display



Optional Integrated 7" or 9.7" LCD Customer Display



Optional Integrated VFD Customer Display



Tool-Free Entry to Access RAM and Hard Disk Drive Simplifies Serviceability



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