SPT-7540

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 Terminal

Ideal for POS Applications Where Counter Space is Limited

The fully integrated SAM4s SPT-7540 POS terminal features a true flat display and includes 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-7540 is ideal for POS applications where counter space is at a premium such as ticket offices and concessions.

- 15" LCD with Resistive Touch
- Intel® Celeron 1037U **Dual Core 1.8GHz Fanless** Processor
- Standard Integrated Thermal Receipt Printer and MCR
- Optional Integrated Barcode Scanner
- Optional Integrated **Digital Persona®** Fingerprint Reader
- Optional 2 Line by 20 Character VFD, 7", 9.7" or 15" LCD Integrated Customer Displays
- Optional WiFi Module
- Integrated Power Supplies

Fanless · Powered by Windows® Embedded · intel Celeron · RoHS COMPLIANT

SPT-7540 Space Saving Highly Integrated POS Te

Highly Integrated POS Terminal Components

Standard Integrated Ellix 40 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-7540 Series can incorporate an 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 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	9.7" LCD	15" LCD
• 800 x 480 resolution.	• 1024 x 768 resolution.	• 1024 x 768 resolution.
• 250 cd/m2 brightness.	• 250 cd/m2 brightness.	• 250 cd/m2 brightness.

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

Touch Terminal Specifications

Processor:	Intel Celeron 1037U 1.8GHz Fanless
Cores / Threads:	Dual Core / 2 Threads
Cache Memory:	2MB
Bus Speed:	5 GT/s (Giga Transfers per Second)
Display LCD:	True Flat 15" LCD with LED Backlighting
Resolution:	1024 x 768
Brightness:	Adjustable Up to 350 cd/m2
Integrated Speakers:	Integrated 2 Watt Speakers
Chipset (PCH):	NM70
Touch Panel:	5-Wire Resistive Touch
MCR:	Integrated USB Interface Triple Track MCR with Optional Encryption
Hard Drive:	2.5" With SATA Interface
RAM Memory:	2GB SODIMM DDR3 (1600MHz) Expandable To 4GB (2 Slots)
Video Memory:	Shared System Memory Up To 512MB
Compact Flash:	Optional SATA Adaptor
Serial Ports – 4 External:	**COM1, COM2, COM4** = DB9 With Pin 9 0V/+5V/+12V (User Selectable by BIOS) **COM3** = RJ45 Pin 1 +5V/+12V (Selectable by Jumper)
2 Internal:	**COM5** = Primary Touchscreen **COM6** = Customer Display Port (VFD)
Parallel Port:	One DB-25F
USB Ports:	6 V2.0 (2 Left Side of screen / 4 Bottom)
Cash Drawer Port:	RJ11, 12V or 24V Selectable By Jumper (Maximum 2 Drawers – Supports Open/Close)
Keyboard / Mouse Port:	Not Applicable (Use USB)
LAN Port:	RJ45 10/100/1000 Base-T (Giga LAN) RealTek RTL8111E
VGA Port:	One DB15F Display Port For Second LCD (Resolution Up to 2048 x 1536)
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:	0.28A / 31W (110V Idle Environment)
Operating Temperature:	32° F to 104° F (0° C to 40° C)
Compatible O/S:	POSReady 2009 / POSReady 7 / Windows Pro Embedded 7 / Windows Pro 8 / Windows Embedded 8 Industry Pro
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-7540 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-7540 Touch Screen Terminal

The SAM4s SPT-7540 Modular Design Facilitates a Variety of Configurations...

Card Reader / Printer

Card Reader / Printer / Fingerprint Reader

Card Reader / Printer / Scanner + Fingerprint Reader

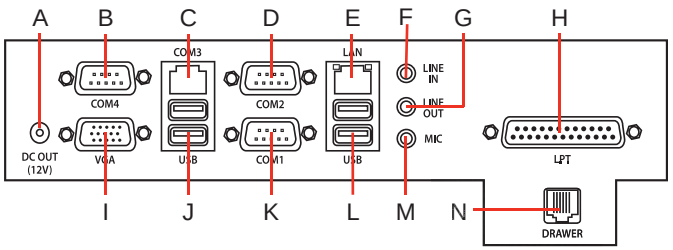
Options and Upgrades

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
- Solid State Drive
- SATA Compact Flash Adaptor

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



Two USB Ports on the Right Side Standard

Optional WiFi Module

Optional Integrated 15" LCD Customer Display

Optional Integrated 9.7" LCD Customer Display

Optional Integrated 7" LCD Customer Display

Optional Integrated VFD Customer Display

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Printed in U.S.A.

LIT-257