SAM4s

SPT-4700

High Performance Fanless POS Touch Screen Terminal

Bars / Ice Cream / Small Grocery

Convenience Stores

Pizza / Table Service / Quick Service / Liquor Stores

Cafeterias / Delis

Powered With Intel Atom Dual-Core Processor to Run More Demanding Applications

The high performance SAM4s SPT-4700 touch screen terminal with a **dual-core fanless** CPU is designed to reliably and efficiently power demanding POS software applications in hospitality, quick service, grocery, and retail markets.

- 15" LCD with ELO® 5-Wire Resistive Touch
- Intel® Atom™ Dual Core 1.86GHz Fanless Processor
- **2GB RAM** Standard; Expandable to 4GB
- Compatible with Popular Application Software
- Easily Wall Mountable
- Variety of Optional Integrated Customer Displays
- Excellent Cable Management

Fanless

Powered by Windows® Embedded

intel Atom DUAL CORE

RoHS COMPLIANT

Optional Integrated 15" Rear LCD Customer Display

Optional Integrated 7" Rear LCD Customer Display

Optional Integrated VFD Customer Display

Tool-Free Access to Hard Disk Drive and RAM Optimizes Serviceability

Options and Upgrades

Configure your system with these easy to add options:
- Integrated VFD Customer Display – 2 Lines x 20 Characters
- Integrated 15" or 7" LCD Customer Displays
- Integrated Triple Track Card Reader with Integrated Fingerprint Reader
- CFast Slot / CFast Disk
- WiFi Module
- Wall Mount Bracket with Standard VESA Configuration

Applications

The attractive, powerful SPT-4700 fanless terminal is ideal for harsh environments like pizza, quick service restaurants, bakeries and industrial shop floors and for proccesor intensive applications including table service, retail scanning and many more:
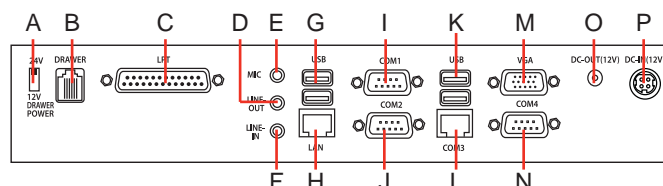
- Airline Counters
- Automotive Services
- Convenience Stores
- Digital Signage
- Dry Cleaners
- Financial/Banking
- Food & Drug Stores
- Gaming
- Hospitality
- Hotel Front Desk
- Interactive Workstations
- Kiosks
- Kitchen Video
- Medical
- Message Stations
- Point of Sale
- Quick Service Restaurant
- Rental Car
- Rental Stores
- Retail Scanning
- Self Service
- Streaming Video
- Table Service Restaurant
- Training
- Unattended Workstations

Connectivity

A Drawer Voltage Selector Switch
B Cash Drawer
C Parallel
D Line-Out
E Mic-In
F Line-In
G USB (2)
H LAN

I COM1 (Powered)
J COM2 (Powered)
K USB (2)
L COM3 (Powered)
M VGA
N COM4 (Powered)
O DC Out (For Rear LCD)
P DC In (Power)

Specifications

Processor:	Intel Atom D2550 1.86GHz (Cedarview) + NM10
FSB (Front Side Bus):	1333 MHz
Socket Type:	BGA
Display LCD:	15" LCD
Resolution:	1024 x 768
Brightness:	Adjustable Up to 250 cd/m2
Integrated Speakers:	Integrated 2 Watt Speakers
Chipset:	ICH8M
Touch Panel:	ELO 5-Wire Resistive Touch
MCR:	Integrated Triple Track MCR with Optional Encryption
Hard Drive:	2.5" With SATA Interface
RAM Memory:	2GB DDR3 800 SODIMM Expandable To 4GB (2 Slots)
Video Memory:	Shared Memory Up To 256MB For Primary LCD
CFast Memory:	Optional CFast Memory Card Slot
Mini-PCIe:	Not Applicable
Serial Ports – 4 External:	**COM1, COM2, COM4** = DB9M With Pin 9 Voltage (0V/+5V/+12V) Selectable By BIOS / **COM3** = RJ45 Pin 1 Voltage (0V+5V/+12V) Selectable By Jumper
2 Internal:	**COM5** = RJ45 for VFD / **COM6** for Primary Touchscreen
Parallel Port:	One DB25F
USB Ports:	6 V2.0 (2 Left Side / 4 Bottom)
Cash Drawer Port:	RJ11, 12V DC or 24V DC Selectable By Switch (Maximum 2 Drawers – Supports Open/Close)
Keyboard / Mouse Port:	Not Applicable (Use USB Ports)
LAN Port:	RJ45 10/100/1000 Base-T (Giga LAN) RealTek RTL8111DL
VGA Port:	One DB15F Display Port For Second LCD (Maximum Resolution 2048 x 1536)
Audio Port:	One Line-In / One Line-Out
Mic Port:	One Mic-In
Power Supply:	60W, 12V/5A External Power Adaptor 100-240V 50-60Hz
Current / Power Usage:	0.37A / 45W
Operating Temperature:	32° F to 95° F (0° C to 35° C)
Compatible O/S:	POSReady 2009 / XP-PRO Embedded / POSReady 7 / Winows 7 / Windows 8 (Available Soon)
Dimensions – Base:	11"W x 7-3/8"H x 8-5/8"D
Overall:	13-13/16"W x 12-1/8"H x 8-5/8"D
Shipping Carton:	20-1/4"W x 13"H x 16"D
Weight – Product:	12.9 lbs.
Shipping:	17.5 lbs.
Safety and EMI:	FCC, RoHS

A B C D E G I K M O P

24V 12V DRAWER POWER | DRAWER | LPT | MIC | LINE-OUT | LINE-IN | USB | LAN | COM1 | COM2 | USB | COM3 | VGA | COM4 | DC-OUT(12V) | DC-IN(12V)

F H J L N

Optional CFast Slot

Two USB Ports on the Left Side

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