Sam4s

SPT-3000

POS Touch Screen Terminal

Table Service Restaurants

Quick Service Restaurants

Dusty Environments Like Pizza and Bakeries

Retail Stores

Powered By the Cool-Running Intel Atom Processor

The extremely cost-effective SPT-3000 is designed to reliably and efficiently power popular POS applications in hospitality, quick service, grocery, and retail markets.

- Compatible with Popular Software Applications
- Intel® Atom™ 1.6GHz Fanless Processor
- 15" TFT LCD with 5-Wire Resistive Touch
- Easily Wall Mountable
- Optional Integrated Customer Display
- Excellent Cable Management

Fanless

Powered by Windows® Embedded

intel Atom inside™

RoHS COMPLIANT

Optional 15" Rear LCD Customer Display

Optional Integrated VFD Customer Display

Shown with Wall Mount Bracket and WiFi Module Options

Tool-Free Access to RAM, Hard Disk Drive, Compact Flash Card 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" LCD Customer Display
- Integrated 2.5" Hard Disk Drive
- Compact Flash Slot / Compact Flash Card
- Cash Drawer Port
- SD Card Slot / Additional USB Port or WiFi Module Option
- Wall Mount Bracket with Standard VESA Configuration

Applications

Fanless terminals are ideal for harsh environments like pizza, quick service restaurants, bakeries and industrial shop floors.

- 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 Counters
- Retail Scanning
- Self Service
- Streaming Video
- Table Service Restaurant
- Training
- Unattended Workstations

Connectivity

Rear
- **A** DC Out (For Rear LCD)
- **B** DC In (Power)
- **C** VFD
- **D** Cash Drawer (Optional)
- **E** Mic-In
- **F** LAN
- **G** USB (2)
- **H** USB (2)
- **I** VGA
- **J** COM1 (Powered)
- **K** CF Card (Optional)
- **L** Audio Out
- **M** Parallel
- **N** COM4 (Powered)
- **O** COM3 (Powered)

Specifications

Processor:	Intel Atom N270 1.6GHz L2 Cache 512KB
FSB:	533 MHz
Socket Type:	BGA
Display LCD:	15" TFT LCD
Resolution:	1024 x 768
Brightness:	Adjustable Up to 250 cd/m^2
Integrated Speaker:	Integrated 2 Watt Speaker
Chipset:	INTEL 945GSE(NB) + ICH7M(SB)
Touch Panel:	5-Wire Resistive Touch
MCR:	Integrated Dual Track MCR
Hard Drive:	Optional Integrated 2.5" with SATA Interface
RAM Memory:	SODIMM DDR2 533/667/800 1GB Expandable to 2GB
Video Memory:	Shared Memory up to 128MB for Primary LCD
Compact Flash Disk:	Optional Type II Compact Flash Card Slot
Mini-PCIe:	One Slot on Motherboard
Serial Ports – 4 External:	**COM1, COM3, COM4** = DB9M with Pin 9 Voltage (0V/+5V/+12V) Selectable By Jumper **COM5** = RJ45 for Integrated VFD
2 Internal:	**COM2, COM6** for Primary Touchscreen
Parallel Port:	One DB25F
USB Ports:	Five V2.0 (1 Left Side / 4 Rear / Additional 1 Optional)
Cash Drawer Port:	Optional RJ11, Selectable 12V or 24V Maximum 2 Drawers – Supports Open/Close
Keyboard Port:	Not Applicable (Use USB Port)
LAN Port:	RJ45 10/100/1000 Base-T (Giga LAN) INTEL 82574L
VGA Port:	One DB15F Display Port for Second LCD
Audio Port:	One Line-Out
Mic Port:	One Mic-In
Power Supply:	100W / 12V External Fanless Power Adaptor 100-240V 50-60Hz 2.0A
Current / Power Usage:	0.32A / 38.4W
Operating Temperature:	32° F to 108° F (0° C to 42° C)
Compatible O/S:	POSReady 2009 / XP Pro Embedded / WePOS
Dimensions – Base:	11"W x 5-1/4"H x 10-1/4"D
Overall:	15-1/4"W x 14-1/8"H x 11"D
Shipping Carton:	22-3/4"W x 14-3/8"H x 17-1/8"D
Weight – Product:	12 lbs.
Shipping:	18.1 lbs.
Safety and EMI:	FCC, RoHS

A	B	C	D	E	F	G	H	I	J
DCOUT(12V)	DCIN(12V)	POLE	DRAWER	MIC / SPK	LAN	USB	USB	VGA	COM1
		CF CARD				LPT		COM4	COM3
K	L	M	N	O

Left Side
1. USB
2. USB (Optional)
3. SD Card Slot (Optional)
4. Power Switch
5. Brightness

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