

## Fanless All-in-One Android Touch Screen Terminal



Coffee Shops / Ice Cream / Convenience Stores



Table Service / Quick Service Restaurants



Hotel Front Desk / Airline Counters / Financial



Dusty Environments Like Pizza and Bakeries



Medical / Automotive Services / Salons

## Vivid LED Backlight for Reliability and Energy Savings

The SAM4S SAP-4800II touch screen terminal is powered with an ARM Cortex™ **quad-core fanless** processor to efficiently run a variety of android software applications.

- Stylish 15" LCD with 5-Wire Resistive Touch
- ARM Cortex™-A9 Quad Core 1.0GHz Fanless Processor
- 1GB RAM
- Android 4.3 (Jelly Bean) Operating System
- Standard Bluetooth and WiFi
- Integrated Front-Facing Card Reader
- Optional Integrated 2-Line by 20 Character VFD Customer Display
- Easily Wall Mountable – Standard VESA Configuration



Bluetooth™



# SAP-4800II Touch Screen Terminal



**Optional Integrated VFD Customer Display**



**Two Cash Drawer Ports Supports Optional Cash Drawers**



**Tool-Free Access to RAM Optimizes Serviceability**



**Standard VESA Configuration Fits a Variety of Wall and Ceiling Mount Brackets**

## Options and Upgrades

Configure your system with these easy to add options:

- Integrated VFD Customer Display – 2 Lines x 20 Characters
- Wall Mount Bracket with Standard VESA Configuration

## Applications

The attractive, powerful SAP-4800II fanless terminal is ideal for harsh environments like pizza, quick service restaurants, bakeries and industrial shop floors and for processor 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** COM4 (Powered)
- B** USB (2)
- C** Drawer 1
- D** Drawer 2
- E** LAN
- F** COM2 (Powered)
- G** COM1 (Powered)
- H** COM3 (Powered)
- I** DC In (Power)

## Specifications

<b>Processor:</b>	ARM Cortex™- A9 Quad Core 1.0GHz
<b>Display LCD:</b>	15" LCD with LED Backlighting
<b>Resolution:</b>	1024 x 768
<b>Brightness:</b>	Adjustable Up to 350 cd/m <sup>2</sup>
<b>Integrated Speakers:</b>	Two (Left & Right) Integrated 1.5W Speakers
<b>Touch Panel:</b>	5-Wire Resistive Touch
<b>MCR:</b>	Integrated USB Interface Triple Track MCR
<b>Memory – RAM:</b>	1GB DDR3
<b>Flash:</b>	8GB Nand Flash
<b>Serial Ports:</b>	<b>COM1 / COM2</b> = DB9M With Pin 9 Voltage (+5V) <b>COM3</b> = RJ45 With Pin 1 Voltage (+5V) <b>COM4</b> = RJ45 With Pin 1 Voltage (+12V) (For Customer VFD)
<b>USB Ports:</b>	Four V2.0 (Two Left Side / Two Bottom)
<b>Cash Drawer Ports:</b>	Two RJ11, 12V or 24V Selectable by Software (Maximum 2 Drawers – Supports Open/Close)
<b>LAN Port:</b>	One RJ45 10/100 Base-T
<b>Wireless – WiFi:</b>	Compatible with IEEE802.11b/g/n
<b>Bluetooth:</b>	v4.0+HS Standard – Backward Comptible with v1.1, v1.2 and v.2.1+EDR Up to 328 Feet (100m) Operating Range
<b>SD Card:</b>	One SDHC Compatible
<b>Power Supply:</b>	60W, 12V/5A External Power Adaptor 100-240V 50-60Hz
<b>Current / Power Usage:</b>	0.37A / 45W
<b>Environment:</b>	32° F to 95° F / 0% to 90% RH Non-Condensing
<b>Standard O/S:</b>	Android 4.3 (Jelly Bean) Operating System
<b>Dimensions – Base:</b>	11"W x 7-3/8"H x 8-5/8"D
<b>Overall:</b>	14-1/8"W x 12-1/8"H x 8-5/8"D
<b>Shipping Carton:</b>	20-1/4"W x 13"H x 16"D
<b>Weight – Product:</b>	11.84 lbs.
<b>Shipping:</b>	16.06 lbs.
<b>Safety and EMI:</b>	FCC, RoHS

