# SAM4s

# SAP-500 Series

## Hybrid ECR-Style Open Architecture POS Terminals

*SAP-530 RT Raised Keyboard and SAP-530 FT Flat Keyboard*
*Hybrid ECR-Style Open Architecture POS Terminals*

## All-in-One Android POS Terminals

The SAM4s SAP-500 Series is an ECR-Style all-in-one Android POS terminal. Featuring a hybrid design, SAM4s has combined a 9.7" **touch** display for operating the POS solution by touch with a large keyboard to support frequently used items, plus a built-in printer, customer display, card reader and cash drawer. The SAP-500 Series is a powerful platform for cafeteria, food court, thrift store, convenience store and many other applications.

- Large Keyboard for Shortcut Keys
- Choice of Raised -Key or Flat Spill-Resistant Keyboard
- Cost Saving POS Bundle
- Four COM Ports and Two USB Ports to Easily Connect Peripherals
- Developer SDK Available
- Android 4.3 (Jelly Bean) Operating System

## *Popular POS Workstation Components Included – Not Added On*

An extremely cost-effective and environmentally friendly bundle – each SAP-500 Series includes a large 9.7" **touch** screen, high quality integrated thermal printer, international-style cash drawer, choice of raised-key or flat spill-resistant keyboard, integrated card reader, rear customer display and a secure SD port

Use the adjustable 9.7" color **touch** screen for operating the POS solution by touch.

Reliable high-speed thermal receipt printer prints full-width 80mm paper and features quick and easy drop-in paper loading.

Standard cash drawer features a 5 bill, 5 or 6 coin insert, two media slots and a standard security lock and key.

The rear display allows consumers to monitor prices as items are entered and view the sale total.
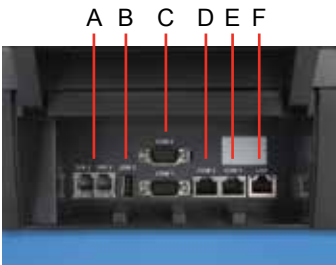
## Applications

The compact and attractive yet powerful SAP-500 Series hybrid terminal, when combined with appropriate application software, is ideal for a wide variety of merchants including:

- Automotive Services
- Bars
- Concessions
- Convenience Stores
- Delicatessens
- Diners
- Dry Cleaners
- Food & Drug Stores
- Garden Centers
- Hospitality
- Point of Sale
- Quick Service Restaurant
- Retail Scanning
- Table Service Restaurant

## Connectivity

**A** Drawer 2 and Drawer 3 (Drawer 1 Internal)
**B** USB 2 (USB 1 at Front of Unit)
**C** COM1 and COM2
**D** COM3 (Powered)
**E** COM4 (Powered)
**F** LAN

A  B   C   D E F

## Specifications

| | | |
|---|---|---|
| **Processor:** | | Freescale i.MX6 Quad Core 1.0GHz, ARM Cortex™- A9 |
| **Standard O/S:** | | Android 4.04 Operating System |
| **Operator Display –** | **Type:** | 9.7" TFT-LCD Touch Screen |
| | **Brightness:** | Adjustable Up to 350 cd/m2 |
| | **Resolution:** | 1024 x 768 |
| | **Touch Panel:** | 5-Wire Resistive Touch |
| **Customer Display:** | | Pop-Up Turret, 2 Lines by 16 Characters |
| **Keyboard Capacity – Flat:** | | 160 Programmable Locations |
| | **Raised:** | Up to 90 Programmable Locations |
| **Printer –** | **Type:** | 80mm Direct Thermal, Drop-and-Print |
| | **Speed:** | 100mm per Second |
| **MCR:** | | Integrated Dual Track MCR |
| **Cash Drawer:** | | 5 Bill, 5 or 6 Coin with Drawer Lock and Two Media Slots |
| **Memory –** | **RAM:** | 1GB DDR3 |
| | **Flash:** | 8GB Nand Flash |
| **Ports –** | **Serial:** | **COM1, COM2** = DB9M With Pin 9 Voltage (+5V) |
| | | **COM3** = RJ45 With Pin 1 Voltage (+5V) |
| | | **COM4** = RJ45 With Pin 1 Voltage (+12V) |
| | **USB:** | Two V2.0 (1 Front / 1 Rear) |
| | **Cash Drawer:** | Three 24V (2 RJ11 Rear / 1 Internal) |
| | **LAN:** | One RJ45 10/100 Base-T Ethernet (TCP/IP) |
| | **SD:** | One SDHC Compatible |
| **Wireless –** | **WiFi:** | Optional Module – Compatible with IEEE802.11b/g/n |
| **Power Supply:** | | Internal 100-240V 50-60Hz |
| **Current / Power Usage:** | | Approx. 25W |
| **Operating Temperature:** | | 32° F to 104° F (0° C to 40° C) |
| **Humidity Range:** | | 30% to 80% RH (Non-Condensing) |
| **Dimensions –** | **Terminal:** | 14-3/4"W x 9-3/4"H x 16-3/4"D (Including Turret Display) |
| | **Cash Drawer:** | 15-3/4"W x 4-3/8"H x 17-3/4"D |
| | **Shipping Carton/Weight:** | 22-1/2"W x 18"H x 21"D / 32.7 lbs. |
| **Safety and EMI:** | | FCC, RoHS |

Connections are concealed in a recessed compartment, secure from accidental damage or disconnection.

Use the integrated card reader to swipe payment cards or to log or clock in employees.

SD Card Utilities include program Save/Load, report or screen capture, firmware updates & graphics uploading. (SD Card not included.)

Connect a keyboard to the USB port to make programming quick and easy; or use a USB stick to Save/Load programs.

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