# SAM4S

# SAP-6600

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



*Coffee Shops / Ice Cream*



*Quick Service / Table Service*



*Salons / Automotive Services*



*Dusty Environments Like Pizza and Bakeries*



*Tobacco Stores / Liquor Stores / Concessions*

The SAM4s SAP-6600 touch screen terminal is an attractive, powerful and cost effective Android touch screen terminal that will effectively run a variety of Android software applications.

- Intel Braswell Celeron N3160 Quad Core 2.24GHz Fanless Processor
- Android 6.0 (Marshmallow) Operating System
- Stylish 15" LCD with Projected Capacitive Touch (PCT) – PCT is Inherently Faster, More Reliable and Robust
- Vivid LED Backlight for Reliability and Energy Savings
- 2GB RAM
- Standard Card Reader, Bluetooth and WiFi
- Energy Efficient and Low Heat Generation Architecture
- Fanless Operation – No Problematic Ventilation Holes
- Meets IP55 Standards for Exposure to Dust – Water Proof Front Panel
- Superior Serviceability and Ease of Installation

PCT Projected Capacitive Touch Technology | SSD Solid State Drive | Android | Bluetooth™ | WiFi™ | Fanless

*Sleek and Stylish Cabinet Design*

*White Cabinet Available*

*Optional Integrated 9.7" and 15" Rear LCD Customer Displays*

*Optional Integrated Rear 2 Lines by 20 Characters VFD Customer Display*

## Options and Upgrades

Configure your system with these easy to add options:

- Integrated VFD Customer Display – 2 Lines x 20 Characters
- Integrated 15" or 9.7" LCD Customer Displays
- Integrated Fingerprint Reader
- Processor Specific Encrypted MCR
- Wall Mount Bracket with Standard VESA Configuration

## Applications

The elegant and powerful SAP-6600 fanless terminal is ideal for harsh environments like table service restaurants, pizza, quick service restaurants, bakeries, industrial shop floors and many more:

- Airline Counters
- Automotive Services
- Bakery Stores
- Cafeterias
- Concessions
- Convenience Stores
- Digital Signage
- Dry Cleaners
- Financial/Banking
- Food & Drug Stores
- Gaming
- Hospitality
- Hotel Front Desk
- Interactive Workstations
- Kiosks
- Liquor Stores
- Medical
- Message Stations
- Point of Sale
- Quick Service Restaurant
- Rental Car
- Rental Stores
- Retail Scanning
- Self Service
- Table Service Restaurant
- Thrift Stores
- Training
- Tobacco Stores
- Unattended Workstations

## Connectivity

**A** COM2 (Powered)
**B** COM1 (Powered)
**C** Line Out (Audio)
**D** LAN
**E** USB (Two V3.0)
**F** COM 3 (Powered)
**G** USB (Two V3.0)
**H** VGA
**I** DC In (Power)
**J** DC Out (For Rear LCD)
**K** Drawer Voltage Selector Switch
**L** Cash Drawer

## Specifications

| | |
|---|---|
| **Processor:** | Intel Braswell Celeron N3160 (Maximum 2.24GHz) |
| **Display LCD:** | 15" LCD with LED Backlighting |
| **Resolution:** | 1024 x 768 |
| **Brightness:** | Adjustable Up to 250 cd/m$^2$ |
| **Integrated Speakers:** | Integrated 1.5W Speaker |
| **Touch:** | Projected Capacitive Touch (PCT) |
| **MCR:** | Integrated USB Interface Triple Track MCR |
| **Memory – RAM:** | 2GB DDR3 Expandable to 8GB |
| **Storage:** | 16GB M.2 SSD |
| **Serial Ports:** | **COM1 / COM2** = DB9M With Pin9 (0V/+5V/+12V) |
| | **COM3** = RJ45 Pin8 (0V+5V/+12V) |
| | Voltage Selectable By BIOS |
| **USB Ports:** | Six Total – Four V3.0 (Rear I/O) / Two V2.0 (Side I/O) |
| **Cash Drawer Port:** | RJ12, 12V or 24V Selectable By Switch – |
| | Maximum 2 Drawers – Supports Drawer Compulsion |
| **LAN Port:** | RJ45 10/100/1000 Base-T (Giga LAN) RealTek RTL8111G |
| **VGA Port:** | One DB15F Display Port For Second LCD |
| | (Maximum Resolution 1920 x 1200) |
| **Audio Port:** | One Line-Out |
| **Wireless – WiFi:** | Compatible with IEEE802.11b/g/n |
| **Bluetooth:** | v4.0+HS Standard – Backward Comptible |
| | with v1.1, v1.2 and v.2.1+EDR |
| | Up to 328 Feet (100m) Operating Range |
| **SD Card:** | Not Applicable |
| **Power Supply:** | 60W, 12V/5A External Power Adaptor 100-240V 50-60Hz |
| **Current / Power Usage:** | 0.18A / 21.6W |
| **Environment:** | 32° F to 104° F / 0% to 90% RH Non-Condensing |
| **Standard O/S:** | Android 6.0 (Marshmallow) Operating System |
| **Dim. / Weight – Base:** | 8-1/2"W x 10"D x 1-1/4"H |
| **Unit:** | 14-7/8"W x 10-3/8"D x 14-1/4"H / 13.22 lbs. |
| **Shipping Carton:** | 19"L x 13"W x 18"H / 17 lbs. |
| **Safety and EMI:** | FCC, RoHS |

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