SAM4s

SAP-4800II

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 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™ **WiFi**™ **Fanless**

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 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 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

Processor:	ARM Cortex™- A9 Quad Core 1.0GHz
Display LCD:	15" LCD with LED Backlighting
Resolution:	1024 x 768
Brightness:	Adjustable Up to 350 cd/m2
Integrated Speakers:	Two (Left & Right) Integrated 1.5W Speakers
Touch Panel:	5-Wire Resistive Touch
MCR:	Integrated USB Interface Triple Track MCR
Memory – RAM:	1GB DDR3
Flash:	8GB Nand Flash
Serial Ports:	**COM1, COM2** = DB9M With Pin 9 Voltage (+5V)
	COM3 = RJ45 With Pin 1 Voltage (+5V)
	COM4 = RJ45 With Pin 1 Voltage (+12V) (For Customer VFD)
USB Ports:	Four V2.0 (2 Left Side / 2 Bottom)
Cash Drawer Ports:	Two RJ11, 12V or 24V Selectable by Software (Maximum 2 Drawers – Supports Open/Close)
LAN Port:	One RJ45 10/100 Base-T
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:	One SDHC Compatible
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)
Standard O/S:	Android Operating System
Dimensions – Base:	11"W x 7-3/8"H x 8-5/8"D
Overall:	14-1/8"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:	11.84 lbs.
Shipping:	16.06 lbs.
Safety and EMI:	FCC, RoHS

A B C D E F G H I

COM4(CDP) USB DRAWER 1 DRAWER 2 LAN COM2 COM1 COM3 DC-IN(12V)

SD Card Slot

Two USB Ports on the Left Side

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