

SAM4S

FORZA 1850

POWERFUL AND FLEXIBLE POS SYSTEM



The largest terminal in the powerful and flexible FORZA POS system line is a highly configurable solution that allows you to design the perfect workstation. Unleash productivity potential with the massive workspace available on the 18.5" touchscreen. Choose from a variety of hardware component choices that provide optimum performance and reliability advantages to best fit your needs in harsh retail and foodservice environments. Add the optional vertical mount to rotate the display and add the SAM4s GCUBE thermal receipt printer to create a sleek looking, powerful kiosk terminal.

- 7th Generation Core™ i5 7200U Processor
- Solid State Drive and Projected Capacitive Touch (PCT) Improve Performance and Reliability
- 18.5" Screen / 16:9 Aspect Ratio
- Vivid LED Backlight
- Variety of Available Integrated Customer Display and MCR Options
- Designed For Superior Serviceability and Easy Installation



**Convenience /
Small Grocery**



**Tobacco Stores /
Liquor Stores**



**Bars / Table Service
Restaurants**



**Quick Service /
Fast Casual**



Hardware, Paint or General Retail Stores



FORZA 1850 Touch Screen Terminals



Two Additional USB Ports



Optional Integrated 2-Line LCD Customer Display



Choose From 10.1" or 15.6" Optional Integrated Rear LCD Customer Displays



Easy Access to Ports – Easily Replace SSD and RAM Without Tools

Options and Upgrades

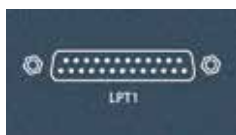
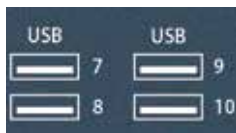
Configure your system with these easy to add options:

- Integrated Customer Display – 2 Lines x 20 Characters
- Integrated 15.6" or 10.1" Customer LCD
- Integrated 15.6" Customer Touch LCD
- Integrated Fingerprint Reader
- Two Additional Serial Ports
- WiFi Module

Connectivity

- LAN
- USB (4)
- COM4 (Powered)
- Cash Drawer
- Display Port
- HDMI Option
- Line Out (Audio)
- COM1 (Powered)
- COM2 (Powered)
- COM3 (Powered)
- DC Out (12V) (For Rear LCD)
- DC In (12V)

Choose From Three Optional Port Boards



Specifications

Processor:	Intel Core i5 7200U
Cores / Threads:	Dual Core / 4 Threads
Cache Memory:	3MB
Display LCD:	18.5" LCD with LED Backlighting
Resolution:	1366 x 768 / Aspect Ratio 16:9
Brightness:	Adjustable Up to 250 cd/m ²
Integrated Speakers:	Integrated 2W Speaker
Chipset (PCH):	System on Chip
Touch:	Projected Capacitive Multi-Touch Panel (PCT)
MCR:	Integrated USB Interface Triple Track MCR
Mass Storage Device:	128GB 2.5" Solid State Drive
RAID Support:	Yes (Special Order)
RAM Memory	8GB DDR4 (2 Slots) Expandable to 16GB
Video Memory:	Shared System Memory
Serial Ports:	COM1 / COM2 / COM3 = DB9M With Pin 9 (0V/+5V/+12V) COM4 = RJ45 Pin 1 (0V+5V/+12V) Voltage Selectable By BIOS
USB Ports:	Two V2.0 (Front) Four V3.0 (Rear)
Cash Drawer Port:	RJ12, 12V or 24V Selectable By BIOS – Maximum 2 Drawers – Supports Drawer Compulsion
LAN Port:	RJ45 10/100/1000 Base-T (Giga LAN) RealTek RTL8111G
Video Port:	One Display Port for Second LCD (Maximum Resolution 4096 x 2304 @ 60Hz)
HDMI Port:	One (4096 x 2304 @ 24Hz)
Audio Port:	One Line-Out
Mic Port:	Not Applicable
Power Supply:	72W, 12V/6A External Power Adaptor 100-240V 50-60Hz
Current / Power Usage:	0.30A / 36W without Rear LCD 0.37A / 44.5W with Rear LCD
Environment:	32° F to 95° F / 0% to 90% RH Non-Condensing
Compatible O/S:	Win 10 IoT Value 2016 Win 10 IoT Value 2019 Win 10 Pro
Dim. / Weight – Base:	11-3/8"W x 8-1/2"D x 12"H
Unit:	19"W x 8-1/2"D x 16-5/16"H / 15.4 lbs.
Shipping Carton:	19"L x 11"W x 20"H / 16 lbs.
Safety and EMI:	KC, CE, FCC, CB, NRTL, RoHS