

# SAM4S

# FORZA 1600

## POWERFUL AND FLEXIBLE POS SYSTEM



The powerful and flexible FORZA POS system serves as the framework for a full-service POS solution. A variety of choices provide options for optimum performance and reliability to best fit your needs in harsh retail and food service environments.

- Choice of 4th Generation Celeron J1900, 7th Generation Core™ i3 7100U or Core™ i5 7200U Processors
- Solid State Drive and Projected Capacitive Touch (PCT) Improve Performance and Reliability
- 15.6" 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**



Choice of:



# FORZA 1600 Touch Screen Terminals



Two Additional USB Ports – Choice of Processors



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

	Celeron J1900	Core i3 or i5
<b>Processor:</b>	Intel Celeron J1900	Core i3 7100U / i5 7200U
<b>Cores / Threads:</b>	Quad Core / 4 Threads	Dual Core / 4 Threads
<b>Cache Memory:</b>	2MB	3MB
<b>Display LCD:</b>	15.6" LCD with LED Backlighting	
<b>Resolution:</b>	1366 x 768 / Aspect Ratio 16:9	
<b>Brightness:</b>	Adjustable Up to 220 cd/m <sup>2</sup>	
<b>Integrated Speakers:</b>	Integrated 2W Speaker	
<b>Chipset (PCH):</b>	System on Chip	
<b>Touch:</b>	Projected Capacitive Multi-Touch Panel (PCT)	
<b>MCR:</b>	Integrated USB Interface Triple Track MCR	
<b>Mass Storage Device:</b>	128GB 2.5" Solid State Drive	
<b>RAID Support:</b>	No	Yes (Special Order)
<b>RAM Memory</b>	4GB DDR3 (1 Slot) Expandable To 8GB	4GB(i3) / 8GB(i5) DDR4 (2 Slots) Expandable to 16GB
<b>Video Memory:</b>	Shared System Memory	
<b>Serial Ports:</b>	<b>COM1 / COM2 / COM3</b> = DB9M With Pin 9 (0V/+5V/+12V) <b>COM4</b> = RJ45 Pin 1 (0V/+5V/+12V) Voltage Selectable By BIOS	
<b>USB Ports:</b>	Six Total V2.0	Two V2.0 (Front) Four V3.0 (Rear)
<b>Cash Drawer Port:</b>	RJ12, 12V or 24V Selectable By BIOS – Maximum 2 Drawers – Supports Drawer Compulsion	
<b>LAN Port:</b>	RJ45 10/100/1000 Base-T (Giga LAN) RealTek RTL8111G	
<b>Video Port:</b>	One Display Port for Second LCD (Maximum Resolution 4096 x 2304 @ 60Hz)	
<b>HDMI Port:</b>	Not Applicable	One (4096 x 2304 @ 24Hz)
<b>Audio Port:</b>	One Line-Out	
<b>Mic Port:</b>	Not Applicable	
<b>Power Supply:</b>	60W, 12V/5A External Power Adaptor 100-240V 50-60Hz	
<b>Current / Power Usage:</b>	0.26A / 31.2W without Rear LCD 0.32A / 38.4W with Rear LCD	
<b>Environment:</b>	32° F to 95° F / 0% to 90% RH Non-Condensing	
<b>Compatible O/S:</b>	POSReady 7 Win 7 Pro / Win 10 Pro Win 10 IoT Ent. 2016 Entry	Win 10 IoT Ent. 2016 Value Win 10 Pro
<b>Dim. / Weight – Base:</b>	11-3/8"W x 8-1/2"D x 12"H	
<b>Unit:</b>	16-1/4"W x 8-1/2"D x 16-5/16"H / 11.79 lbs.	
<b>Shipping Carton:</b>	19"L x 11"W x 20"H / 16 lbs.	
<b>Safety and EMI:</b>	KC, CE, FCC, CB, NRTL, RoHS	