SAM4S

TITAN-160

Bars / Ice Cream / Table Service / Quick Service

Dusty Environments Like Pizza and Bakeries

Cafeterias / Discount Stores

Convenience Stores / Small Grocery Stores

Tobacco Stores / Liquor Stores

Fanless POS Terminal Designed For Optimum Performance and Dependability

For extraordinary reliability, the TITAN-160 includes both projected capacitive touch and a choice of solid state or hard disk drives. A true flat touch panel provides superior spill and dust resistance that ensures optimum performance in harsh retail and food service environments. The LED backlight ensures long display life and significant energy savings. Those configuration options provide the most cost-effective performance and reliability upgrades you can obtain on a POS terminal.

- Intel Celeron 1037U Dual Core 1.8GHz Fanless Processor
- Projected Capacitive Touch (PCT)
- Choose Hard Disk Drive or Solid State Drive for Optimum Performance and Reliability
- Vivid LED Backlight
- True-Flat Screen
- Integrated Power Supply

Sleek Cabinet Design

Optional Integrated 9.7" Rear LCD Customer Display

Optional Integrated Rear VFD Customer Display

Integrated Power Supply and Cable Management Keeps Cords Hidden and Organized

Options and Upgrades

Configure your system with these easy to add options:
• Integrated VFD Customer Display – 2 Lines x 20 Characters
• Integrated 15", 9.7" or 7" LCD Customer Displays
• Integrated Fingerprint Reader
• WiFi Module
• Wall Mount Bracket with Standard VESA Configuration

Applications

The attractive, powerful TITAN-160 fanless terminal is ideal for harsh environments like pizza, quick service restaurants, bakeries and industrial shop floors and for processor intensive applications including table service, retail scanning and many more:

• Airline Counters	• Kiosks
• Automotive Services	• Kitchen Video
• Convenience Stores	• Medical
	• Message Stations
• Digital Signage	• Point of Sale
• Dry Cleaners	• Quick Service
• Financial/Banking	• Rental Car
• Food & Drug Stores	• Rental Stores
• Gaming	• Retail Scanning
• Hospitality	• Self Service
• Hotel Front Desk	• Streaming Video
• Interactive Workstations	• Table Service
	• Training
	• Unattended Workstations

Connectivity

A DC In (Power)	**J** USB (2)
B DC Out (For Rear LCD)	**K** Line-In
	L Line-Out
C COM4 (Powered)	**M** Mic-In
D VGA	**N** Cash Drawer
E COM3 (Powered)	**O** Drawer Voltage Selector Switch
F USB (2)	
G COM2 (Powered)	**P** Parallel
H COM1 (Powered)	**Q** Hard Disk Drive
I LAN	

Specifications

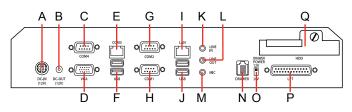|	
Processor:	Intel Celeron 1037U 1.8GHz Fanless
Cores / Threads	Dual Core / 2 Threads
Cache Memory:	2MB
Bus Speed:	5 GT/s (Giga Transfers per Second)
Display LCD:	True Flat 15" LCD with LED Backlighting
Resolution:	1024 x 768
Brightness:	Adjustable Up to 250 cd/m2
Integrated Speakers:	Integrated 2 Watt Speakers
Chipset (PCH):	NM70
Touch – Panel:	Projected Capacitive Touch
Reliability:	Over 100 Million Touches
MCR:	Integrated USB Interface Triple Track MCR
Hard Drive:	320GB 2.5" HDD or 128GB 2.5" Solid State Drive
RAM Memory (2 Slots):	4GB SODIMM DDR3 (1600MHz)
Video Memory:	Shared System Memory Up To 512MB
Serial Ports:	**COM1, COM2, COM3** = DB9M With Pin 9 Voltage (0V/+5V/+12V) Selectable By BIOS / **COM4** = RJ45 Pin 1 Voltage (0V+5V/+12V) Selectable By Jumper **COM4** = RJ45 for Customer VFD
Parallel Port:	One DB25F
USB Ports:	6 V2.0 (2 Left Side / 4 Top)
Cash Drawer Port:	RJ11, 12V or 24V Selectable By Switch
LAN Port:	(Maximum 2 Drawers – Supports Drawer Compulsion RJ45 10/100/1000 Base-T (Giga LAN) RealTek RTL8111E
VGA Port:	One DB15F Display Port For Second LCD (Maximum Resolution 2048 x 1536)
Audio Port:	One Line-In / One Line-Out
Mic Port:	One Mic-In
Power Supply:	60W, 12V/5A External Power Adaptor 100-240V 50-60Hz
Current / Power Usage:	0.25A / 27W
Operating Temperature:	32° F to 104° F (0° C to 40° C)
Compatible O/S:	POSReady 7 / Windows 7 Professional / Windows 10 Professional / Windows 10 IoT Enterprise LTSB
Dimen. / Weight – Base:	8-3/4"W x 2-3/8"H x 9-9/16"D
Unit:	12-1/2"W x 15"H x 9-9/16"D — 18.56 lbs.
Shipping Carton:	17"W x 12-1/2"H x 19"D — 20.02 lbs.
Safety and EMI:	FCC, RoHS

Two USB Ports on the Left Side

Optional Fingerprint Reader

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