

# TITAN-150 / 160

## Fanless POS Terminals with True Flat Touch Screen



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



Powered by an Intel Celeron **dual-core fanless** processor and designed with a true flat touch panel, the TITAN-Series provides superior spill and dust resistance that ensures optimum performance in harsh retail and food service environments.

- TITAN-150 Features 5-Wire Resistive Touch
- TITAN-160 Uses Projected Capacitive Touch (PCT) – PCT is Inherently Faster, More Reliable and Robust
- Vivid LED Backlight for Reliability and Energy Savings
- Intel Celeron 1037U Dual Core 1.8GHz Fanless Processor – Enclosed Case and Fanless Processor Minimize Incursion of Dust and Environmental Debris
- True-Flat – Debris Will Not Collect and Disrupt Touch Operation – Resists Liquid Splashes and Allows Easy Clean Up
- Integrated Power Supply



# TITAN-150 / 160 Touch Screen Terminals



**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 Digital Persona Fingerprint Reader
- Solid State Drive
- SATA Compact Flash Adaptor
- WiFi Module
- Wall Mount Bracket with Standard VESA Configuration

## Applications

The attractive, powerful fanless terminals are 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
- 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
- Rental Car
- Rental Stores
- Retail Scanning
- Self Service
- Streaming Video
- Table Service
- Training
- Unattended Workstations

## Connectivity

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

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## Specifications

<b>Processor:</b>	Intel Celeron 1037U 1.8GHz Fanless	
<b>Cores / Threads</b>	Dual Core / 2 Threads	
<b>Cache Memory:</b>	2MB	
<b>Bus Speed:</b>	5 GT/s (Giga Transfers per Second)	
<b>Display LCD:</b>	True Flat 15" LCD with LED Backlighting	
<b>Resolution:</b>	1024 x 768	
<b>Brightness:</b>	Adjustable Up to 350 cd/m2	
<b>Integrated Speakers:</b>	Integrated 2 Watt Speakers	
<b>Chipset (PCH):</b>	NM70	
<b>Touch –</b>	<b>Panel:</b> 5-Wire Resistive Touch	Projected Capacitive Touch
	<b>Reliability:</b> Over 36 Million Touches	Over 100 Million Touches
<b>MCR:</b>	Integrated USB Interface Triple Track MCR	
<b>Hard Drive:</b>	2.5" With SATA Interface	
<b>RAM Memory (2 Slots):</b>	2GB SODIMM DDR3 (1600MHz) Expandable To 4GB	
<b>Video Memory:</b>	Shared System Memory Up To 512MB	
<b>Compact Flash:</b>	Optional SATA Adaptor	
<b>Serial Ports:</b>	<b>COM1, COM2, COM4</b> = DB9M With Pin 9 Voltage (0V/+5V/+12V) Selectable By BIOS / <b>COM3</b> = RJ45 Pin 1 Voltage (0V+5V/+12V) Selectable By Jumper <b>COM3</b> = RJ45 for Customer VFD	
<b>Parallel Port:</b>	One DB25F	
<b>USB Ports:</b>	6 V2.0 (2 Left Side / 4 Top)	
<b>Cash Drawer Port:</b>	RJ11, 12V or 24V Selectable By Switch (Maximum 2 Drawers – Supports Open/Close)	
<b>Keyboard / Mouse Port:</b>	Not Applicable (Use USB Port)	
<b>LAN Port:</b>	RJ45 10/100/1000 Base-T (Giga LAN) RealTek RTL8111E	
<b>VGA Port:</b>	One DB15F Display Port For Second LCD (Maximum Resolution 2048 x 1536)	
<b>Audio Port:</b>	One Line-In / One Line-Out	
<b>Mic Port:</b>	One Mic-In	
<b>Power Supply:</b>	60W, 12V/5A External Power Adaptor 100-240V 50-60Hz	
<b>Current / Power Usage:</b>	0.25A / 27W (110V Idle Environment)	
<b>Operating Temperature:</b>	32° F to 104° F (0° C to 40° C)	
<b>Compatible O/S:</b>	POSReady 2009 / POSReady 7 / Windows Pro Embedded 7 / Windows Pro 8 / Windows Embedded 8 Industry Pro	

<b>Dimen. / Weight – Base:</b>	8-3/4"W x 2-3/8"H x 9-9/16"D	
<b>Overall:</b>	12-1/2"W x 15"H x 9-9/16"D 18.56 lbs.	
<b>Shipping Carton:</b>	17"W x 12-1/2"H x 19"D 20.02 lbs.	

