Sam4s

SPT-4856

Fanless POS Terminal with True Flat Touch Screen

PCT Projected Capacitive Touch Technology

SSD Solid State Drive

Bars / Ice Cream Parlors / Restaurants

Dusty Environments Like Pizza and Bakeries

Cafeterias / Table Service / Quick Service

Dollar Stores / Gift Shops

Tobacco Stores / Liquor Stores

For extraordinary reliability, the SPT-4856 includes both projected capacitive touch and a solid state drive. Powered by the Intel Braswell Celeron **quad-core fanless** processor and designed with a true flat touch panel, the SPT-4856 provides superior spill and dust resistance that ensures optimum performance in harsh retail and food service environments.

• Intel Braswell Celeron N3160 Quad Core 2.24GHz Fanless Processor
• Projected Capacitive Touch (PCT) – PCT is Inherently Faster, More Reliable and Robust
• Solid State Drive for Optimum Performance and Reliability
• Vivid LED Backlight for Reliability and Energy Savings
• Bezel-Less – Debris Will Not Collect and Disrupt Touch Operation – Resists Liquid Splashes and Allows Easy Clean Up

Fanless

Powered by Windows Embedded

intel Celeron

RoHS COMPLIANT

Optional Integrated 15" Rear LCD Customer Display

Optional Integrated 9.7" Rear LCD Customer Display

Optional Integrated 7" Rear LCD Customer Display

Optional Integrated Rear 2 Lines by 20 Characters VFD Customer Display

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 Triple Track Card Reader with Integrated Fingerprint Reader
- Processor Specific Encrypted MCR
- 8GB RAM
- WiFi Module
- Wall Mount Bracket with Standard VESA Configuration

Applications

The attractive, powerful SPT-4856 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:
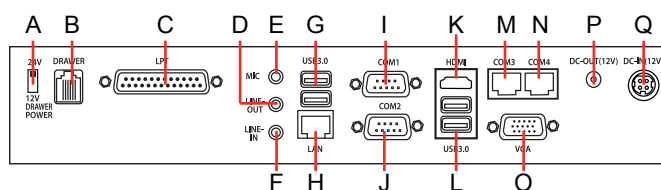
- Airline Counters
- Automotive Services
- Convenience Stores
- Digital Signage
- Dry Cleaners
- Financial/Banking
- Food & Drug Stores
- Gaming
- Hospitality
- Hotel Front Desk
- Interactive Workstations
- Kiosks
- Kitchen Video
- Medical
- Message Stations
- Point of Sale
- Quick Service
- Rental Car
- Rental Stores
- Retail Scanning
- Self Service
- Streaming Video
- Table Service
- Thrift Stores
- Training
- Unattended Workstations

Connectivity

A Drawer Voltage Selector Switch
B Cash Drawer
C Parallel
D Line-Out
E Mic-In
F Line-In
G USB V3.0 (2)
H LAN
I COM1 (Powered)
J COM2 (Powered)
K HDMI
L USB V3.0 (2)
M COM3 (Powered)
N COM4 (Powered)
O VGA
P DC Out (For Rear LCD)
Q DC In (Power)

Specifications

Processor:	Braswell Intel Celeron N3160 (Maximum 2.24GHz)
Cores / Threads	Quad Core / 4 Threads
Cache Memory:	2MB
Display LCD:	True Flat 15" LCD with LED Backlighting
Resolution:	1024 x 768
Brightness:	Adjustable Up to 250 cd/m^2
Integrated Speakers:	Integrated 2 Watt Speakers
Chipset (PCH):	System on Chip
Touch – Panel:	Projected Capacitive Touch
Reliability:	Over 100 Million Touches
MCR:	Integrated USB Interface Triple Track MCR with Optional Encryption and/or Fingerprint Reader
Mass Storage Device:	128GB 2.5" Solid State Drive
RAM Memory:	4GB SODIMM DDR3 (1600MHz) Expandable to 8GB
Video Memory:	Shared System Memory Up To 1.7GB
Serial Ports:	**COM1 / COM2** = DB9 With Pin 9 0V/+5V/+12V (User Selectable by BIOS) **COM3 / COM4** = RJ45 Pin 1 +5V/+12V (Selectable by Jumper) **COM6** = RJ45 (VFD Customer Display Port)
Parallel Port:	One DB25F
USB Ports:	Six V3.0 (Two Left Side / Four Bottom)
Cash Drawer Port:	RJ11, 12V or 24V Selectable By Switch – Maximum 2 Drawers – Drawer Compulsion
HDMI Port:	One HDMI
LAN Port:	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 (110V Idle Environment)
Environment:	32° F to 104° F / 0% to 90% RH Non-Condensing
Compatible O/S:	POSReady 7 / Windows 7 Professional / Windows 10 Professional / Windows 10 IoT Enterprise 2016 LTSB
Dim. / Weight – Base:	11"W x 7-3/8"H x 8-5/8"D
Unit:	14-1/8"W x 12-1/8"H x 8-5/8"D 12.8 lbs.
Shipping Carton:	20-1/4"W x 13"H x 16"D 17.5 lbs
Safety and EMI:	FCC, RoHS

Plus Two USB V3.0 Ports on the Left Side of the Monitor

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