

POS



Fiery Red



Sky Blue

Pearl White

Stylish Black



i-Button



USB



Printer



CF Card & WLAN

PS3100

The One-of-a-kind
Highly Integrated
Fanless 10.4" POS
Terminal

Features and Benefits:

- Intel® ATOM™ N270 CPU
- 10.4" LCD display with touch
- Flexible design for versatile applications
- Fanless POS
- Optional 2"/3" easy loading thermal printer
- Optional MSR, i-Button & fingerprint module
- Small footprint
- Streamline design



PROTECH SYSTEMS

It's the right choice

Protech Systems Co., Ltd.

No. 24, Lane 365, Yang Goang Street, Nei Hu District Taipei 114, Taiwan
TEL: +886-2-8751-1111 FAX: +886-2-8751-1199
E-mail: sales@protech.com.tw
<http://www.protech.com.tw>

Protech Technologies Inc.

950 Fee Ana St, Suite B Placentia, CA 92870
TEL: +1-714- 996-7200 FAX: +1-714- 996-7300
Sales: sales@protech-usa.net
<http://www.protech-usa.net>

Protech Japan Co., Ltd.

OSK Bldg, 6F, 6-25-14, Minami-ohi Shinagawa-ku, Tokyo, 140-0013
TEL: +81-3-5753-8411 FAX: +81-3-3763-9282
E-mail: sam@protech-j.com
<http://www.protech-j.com>

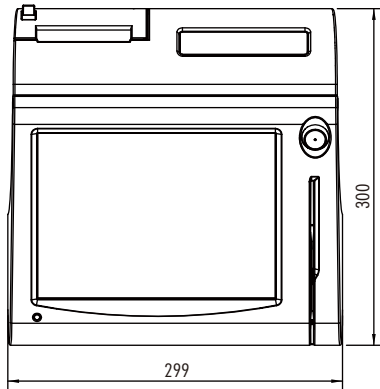


ISO CERTIFIED
9001 14001

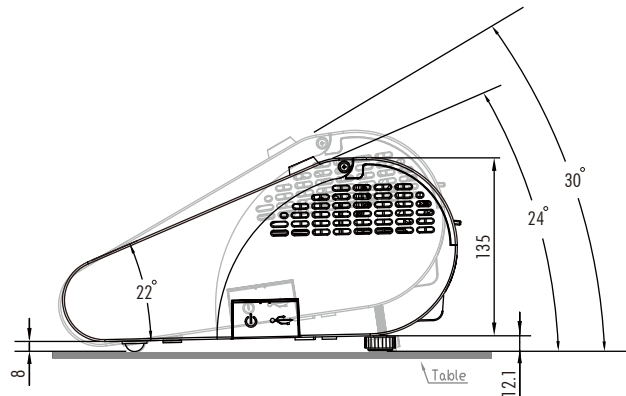
PS3100

The One-of-a-kind Highly Integrated Fanless 10.4" POS Terminal

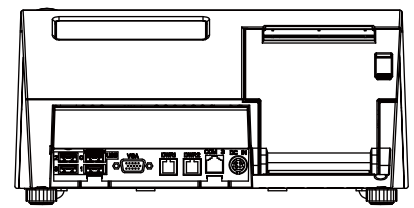
Top View



Side View



Rear View



Unit: mm

Specification

System	
CPU Support	Intel® Atom™ N270 CPU
Memory	1 x DDR2 SO-DIMM Slot, 512MB DDR2 SO-DIMM (up to 1GB)
Core Logic	Intel® 945GSE + ICH7M
Network	10/100/1000Base-T Fast Ethernet
Power Supply	120 Watt Power Adaptor
System Weight	4.5 kg (Fanless)
Dimension (WxHxD)	300 x 299 x 135 mm (11.81" x 11.77" x 5.31")
O.S. Compliant	Windows 7 / XP / XPE, WEPOS, POSReady 2009

Storage

HDD	1 x 2.5" SATA HDD (standard 160GB)
CF	Bootable Compact Flash slot for CF type I/II storages

I/O Ports

USB	5 x USB 2.0
Serial Ports	3 x DB-9 (COM 1/2/4), 1 x RJ45 (COM 3), +5/12V Selectable (COM 1~3)
PS/2	1 x PS/2 ports (default at keyboard)
LAN	1 x 10 / 100/1000 Mbps
VGA	1 x DB-15 VGA Interface
Audio	1 x 2W speaker
Cash Drawer	1 x RJ11 Cash Drawer port (12V/24V)
Pinter	2" or 3" easy loading thermal printer with Auto cutter

Display

LCD	10.4" TFT LCD
Max. Resolution	1024 x 768 / 800 x 600
Brightness	300 / 230 cd/m ²
Touch Screen	5-wire Analog resistive
Tilt Angle	24 ~ 30 degree

Environment

EMC & Safety	CE / FCC / cUL / CB
Operating Temp.	0° ~ 35°C
Storage Temp.	-20° ~ 60°C
Humidity	20% ~ 90%

Ordering Information

PS3100	10.4" POS Terminal with Intel® Atom™ N270 CPU, 512MB DDR2 SO-DIMM, 160GB HDD
VFD Customer Display	Vacuum Fluorescent Display, 20 columns and 2 lines, each column is 5 x 7 dots
i-Button	Read only, output through PS/2 KB interface
MSR	JIS-I or II, ISO Track1+2+3 (PS/2 KB Interface)
Color	Red, Navy Blue, Black or White
OS	Windows 7 / XP / XPE, WEPOS, POSReady 2009
Wireless LAN	Mini PCIe Wireless LAN Module 802.11 b/g
Fingerprint	Embedded Fingerprint module (USB interface)

All of trademarks and brand names are the property of their owners. Trademark "Protech" is the property of Protech Systems Co., Ltd. All information contained in this document is subject to change without any prior notice. This catalog is copyrighted in Sep. 2010.