

# PA-3122

> The One-of-a-kind highly integrated fanless 10.4" POS terminal



## Features



- Fanless design with Intel® Celeron® J1900
- 10.4" LCD display with touch
- Flexible design for versatile applications
- Optional 2"/3" easy loading thermal printer
- Optional MSR / i-Button / Fingerprint / RFID
- Small footprint and streamline design

## Specifications



System	CPU Support	Intel® Celeron® J1900 CPU
	Memory	DDR3L SO-DIMM (1 slot, up to 8GB)
	Network	10 / 100 / 1000 base-T fast Ethernet
	Power Supply	72~120 watt power adaptor
	Audio	2W speaker
	System Weight	With power adaptor approx. 4.5Kg
	Dimensions	299 x 148 x 300 mm (W x H x D)
	O.S. Support	Windows 10 / Windows 8.1 / POSReady 7 / Android 4.4
Storage	SATA	1 x 2.5" HDD or SSD
	mSATA	1 x SSD
I/O Ports	USB	4 x USB on rear, 1 x USB on side bezel
	Serial Ports	3 + 1 (option) x DB9 (+5V/12V selectable)
	LAN	1 x RJ45
	VGA	1 x DB15
	Line Out	1 x phone jack
	Cash Drawer	1 + 1 (option, with Y cable) x RJ11 (+12V or +24V selectable)
	DC-In	1 x 4pin DC power jack
	LPT	1 x DB25 (option)
Peripherals	Customer Display	VFD kit, 20 columns and 2 lines, each column is 5 x 7 dots
	Printer	2" or 3" easy loading thermal printer with auto-cutter
	MSR & iButton	ISO I, II, III; JIS I, II and support information key
	RFID	ISO14443A read / write; ISO18092 read only
	Fingerprint	8-bit grayscale, reader
Display	LCD	10.4" TFT LCD
	Max. Resolution	1024 x 768 / 800 x 600
	Brightness	400 cd/m <sup>2</sup>
	Touch Screen	5-wire analog resistive
	Tilt Angle	24 ~ 30 degrees
Environment	EMC & Safety	CE / FCC
	Operating Temp.	0 ~ 35°C
	Storage Temp.	-5 ~ 60°C
	Humidity	20 ~ 90%

\*All information contained in this document is subject to change without prior notice. Please log on [www.protech.com.tw](http://www.protech.com.tw) to acquire latest information.

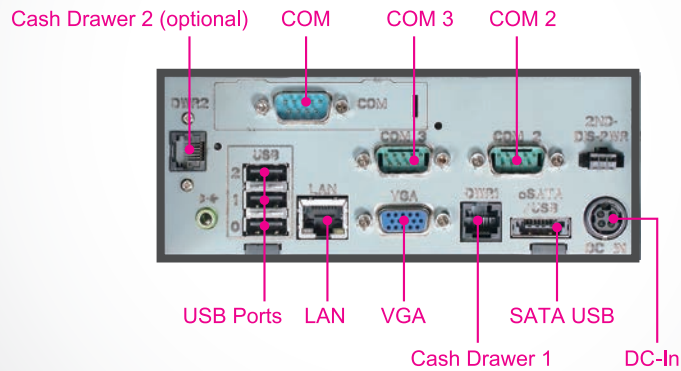
## Applications

- Automation
- Retail / Chain Store
- Transportation
- Food Service
- Finance
- Information

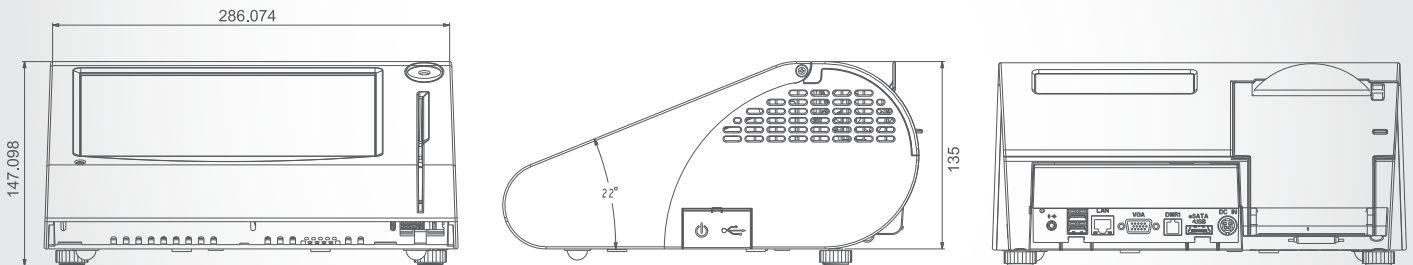
## Highlights



## System I/O Ports



## Dimensions



unit: mm