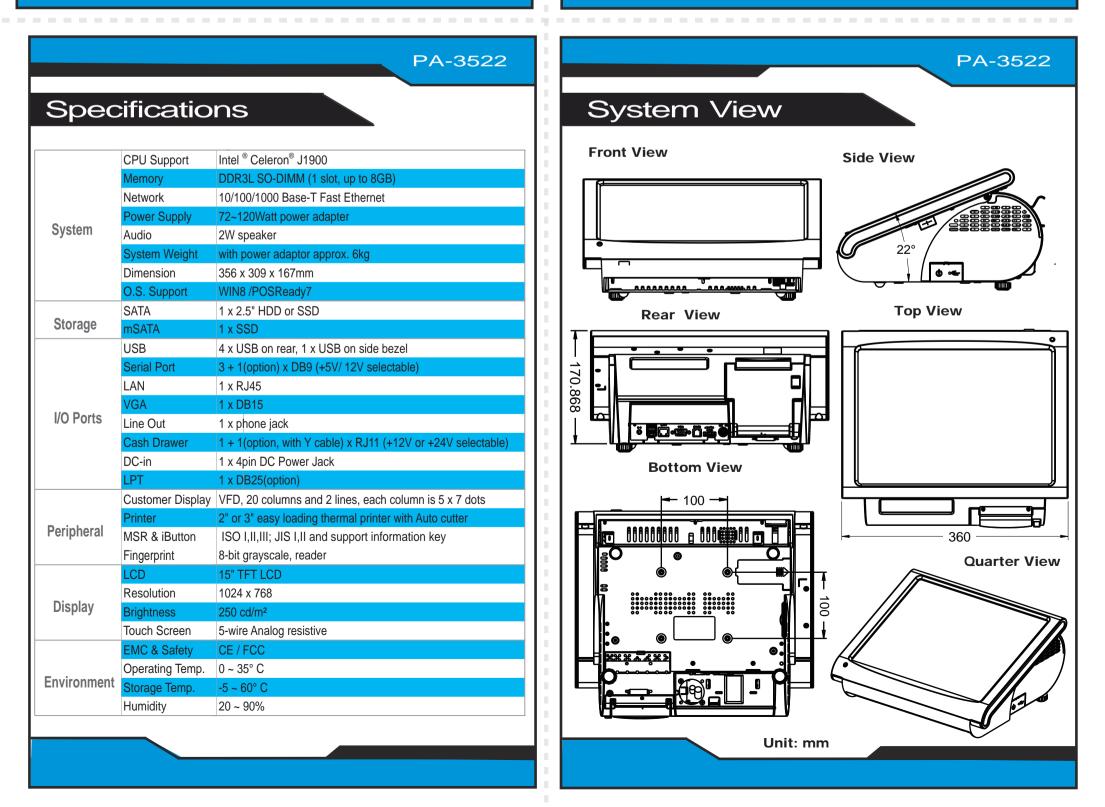


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# PA-3522 Packing Checklist If you discover any item below was damaged or lost, please contact your vendor. **PA-3522** X 1 X 1 ☐ AC Power Cord (Optional) X 1 ✓ Driver CD X 1 X 1 i-Button + MSR Card Reader (Optional) X 1

#### PA-3522 **Specifications** CPU Support Intel ® Celeron® J1900 DDR3L SO-DIMM (1 slot, up to 8GB) Network 10/100/1000 Base-T Fast Ethernet 72~120Watt power adapter Power Supply System Audio 2W speaker with power adaptor approx. 6kg 356 x 309 x 167mm Dimension O.S. Support WIN8 /POSReady7 SATA 1 x 2.5" HDD or SSD **Storage** 1 x SSD mSATA 4 x USB on rear, 1 x USB on side bezel USB 3 + 1(option) x DB9 (+5V/ 12V selectable) LAN 1 x RJ45 1 x DB15 I/O Ports Line Out 1 x phone jack 1 + 1(option, with Y cable) x RJ11 (+12V or +24V selectable) Cash Drawer DC-in 1 x 4pin DC Power Jack 1 x DB25(option) Customer Display VFD, 20 columns and 2 lines, each column is 5 x 7 dots 2" or 3" easy loading thermal printer with Auto cutter **Peripheral** MSR & iButton ISO I,II,III; JIS I,II and support information key Fingerprint 8-bit grayscale, reader 15" TFT LCD LCD Resolution 1024 x 768 **Display** 250 cd/m<sup>2</sup> Brightness 5-wire Analog resistive Touch Screen **EMC & Safety** CE / FCC 0 ~ 35° C Operating Temp. **Environment** -5 ~ 60° C Storage Temp. Humidity 20 ~ 90%

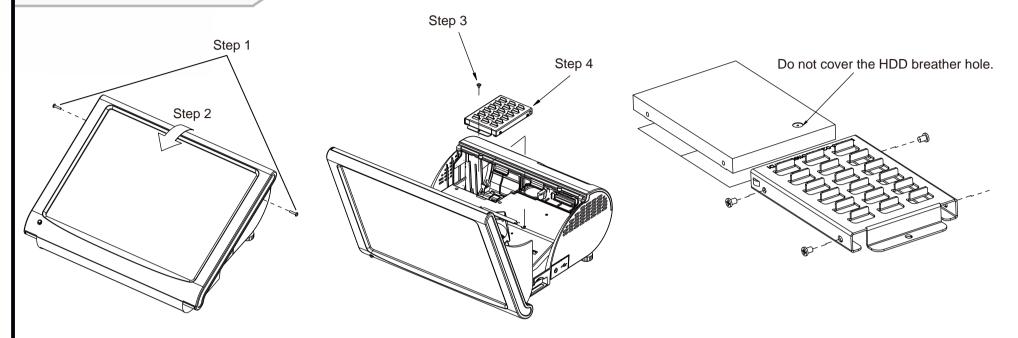




## PA-3522

## The One-of-a-kind Highly Integrated Fanless 15" POS Terminal

## **Easy Maintenance**



## **Jumper Setting**

#### **Cash Drawer Control** COM Port RI & Voltage Selection Selection GND Cash Drawer NC (Manufacturing Default is RI for JP\_COM1 & JP\_COM4 and no connection for JP COM2 & JP COM3) LAN1 USB8 LINE-OUT1 **PWR IN1** ESATA1 **Panel Resolution** PRT\_PWR Selection SW1 2 COM1\_1 COM2\_1 COM3 USB2 COM4\_1 COM3\_1 DC5V\_PWR1 1280 x JP29 SPK2 $\bigcirc$ JP\_COM1 JP\_COM3 $\odot$ JP COM4 JP COM2 USB5 JP30 SATA1 SW1 DIMM1 SATA2 **Touch Panel** Signal Interface TOUCH1 Selection USB6 ₽ JP14/15 JP38/39 JI\_BUTTON1 JP\_VDD1 Slot1 Interface LED1 3 JINV LVDS1 LED1\_ RS-232 Interface **LED Backlight Power** i-Button **Clear CMOS Data Control Selection Function Selection** Selection Normal **Clear CMOS** On Off COM 3 i-Button\* (default)

## **Safety Precaution**

The following messages are safety reminders on how to protect your systems from damages, and extending the life cycle of the system.

#### 1. Check the Line Voltage

• Make sure the operating voltage range is between 100V and 240V AC; otherwise, the system could be damaged.

### 2. Environmental Conditions

- Place your PA-3522 on a sturdy, level surface. Be sure to allow enough space around the system to have easy access needs.
- Avoid installing the system in extremely hot or cold places.
- Avoid exposure to sunlight for a long period of time or in an airtight room.
- Also, avoid the system from any heating device or using the PA-3522 when it has been left outdoors in a cold winter day.
- Bear in mind that the operating ambient temperature is between 0 ~ 35°C (32~ 95°F). • Avoid moving the system rapidly from a hot place to a cold place, and vice versa, because
- condensation may occur inside the system.
- Operate the PA-3522 in strong vibration may cause hard disk failure.
- Do not place the system too close to any radio-active device. Radio-active device may cause signal interference.
- Always shutdown the operating system before turning off the power.

- Avoid placing heavy objects on the top of the system.
- Do not turn the system upside down. This may cause the hard drive to malfunction.
- Do not allow any objects to fall into this product.
- If water or other liquid spills into this product, unplug the power cord immediately.

- When the outside case gets stained, remove the stains using neutral washing agent with a
- Never use strong agents such as benzene and thinner to clean the surface of the case. • If heavy stains are present, moisten a cloth with diluted neutral washing agent or alcohol
- and then wipe thoroughly with a dry cloth. • If dust is accumulated on the case surface, remove it using a special vacuum cleaner for
- Do not replace the motherboard battery by yourself, or serious damage may occur.

**CAUTION!** Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

**WARNING!** Some internal parts of the system may have high electrical voltage. Therefore we strongly recommend qualified engineers open and disassemble the system. The LCD and touch screen are easily breakable; please handle them with extra care.

### COM2/COM3/Cash Drawer:

ash drawer select 12V 24V

M3 select RI 12V and 5V

1. Voltage of external COM2&3 & Cash Drawer are made to control on BIOS for vour convenience. The corresponding jumpers JP\_COM2~3, JP29 are set open (no connection)

2.JP\_COM2, JP\_COM3, JP29 are enabled when voltage adjustment is disabled on BIOS 3. Voltage control is adjustable by BIOS or jumpers. Either way cannot be applied simultaneously in case of system error, component damage or serious boot failure.

Voltage of COM1 & COM4 Ports are made to control by jumpers on the board.