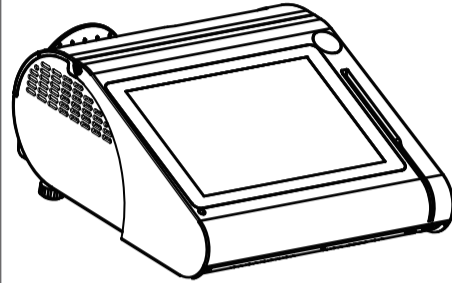


PA-3211

Quick Reference Guide



Ver. Q1

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Packing Checklist

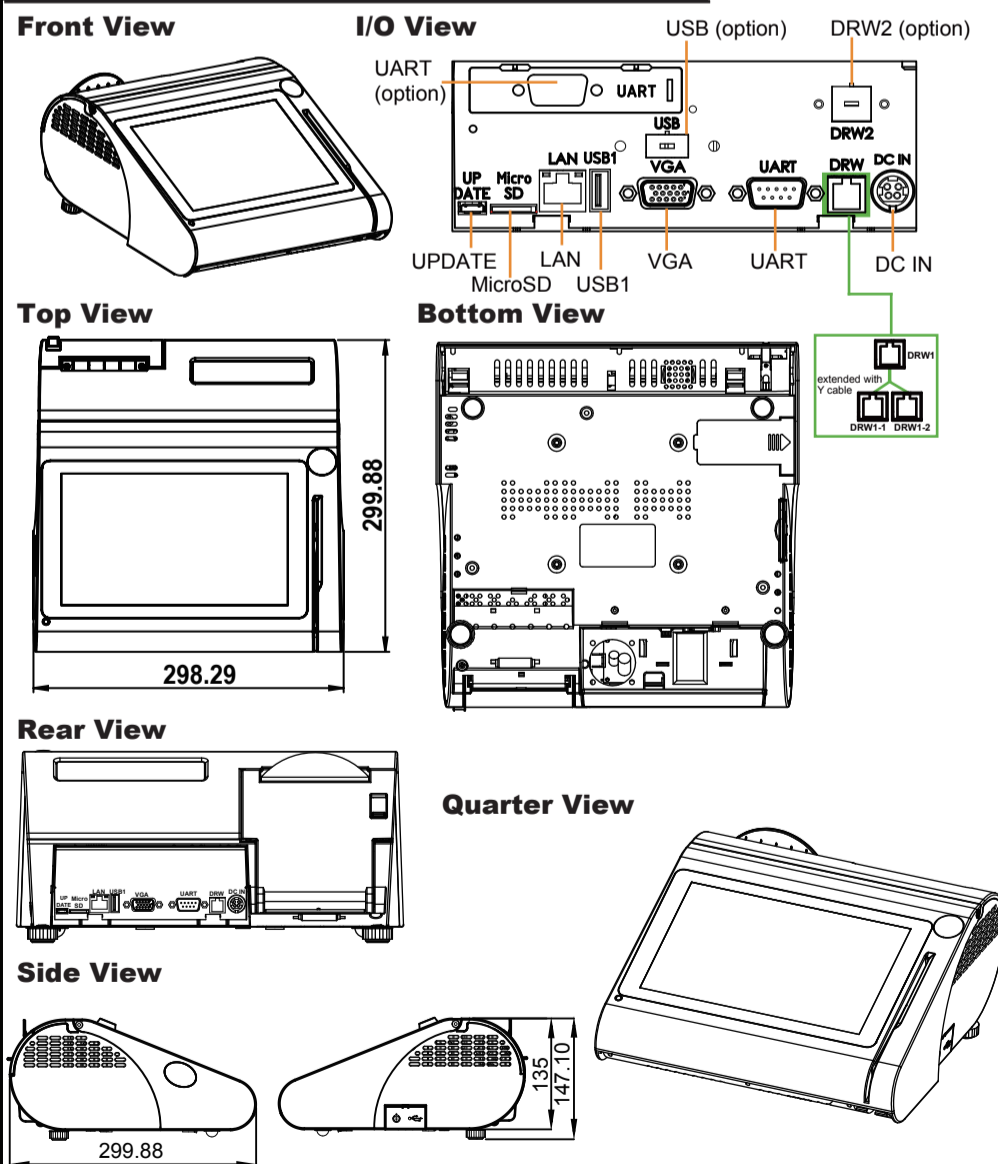
If you discover any item below was damaged or lost, please contact your vendor.

- PA-3211 X 1
- This Quick Reference Guide X 1
- AC Power Cord (Optional) X 1
- Driver DVD X 1
- MSR Card Reader (Optional) X 1
- i-Button + MSR Card Reader (Optional) X 1
- Wireless LAN (IEEE 802.11 b/g/n) (Optional) X 1
- VFD (Optional) X 1

Specifications

System	CPU Support	ARM Cortex-A9
	Memory	DDR3L 1GB on board
	Network	10/100Mbps Ethernet
	Power Supply	60 Watt Power Adapter
	Audio	2W Speaker
	System Weight	with power adaptor approx. 4 kg
	Dimension	300 x 299 x 135 mm
Storage	O.S. Support	Android 5.1
	Flash	16GB eMMC on board
I/O Ports	Standard SDHC	Up to 32GB
	USB	1 x USB 2.0 and 1 x Micro USB for image update only (on rear) 1 x USB 2.0 (on side bezel)
	Serial Ports	All serial ports +5V/12V selectable 1 x DB9 (RX, TX, RTS, CTS) (on rear) 3 x internal wafers (RX, TX) for Reserved
	LAN	1 x RJ45
	VGA	1 x DB15
	Cash Drawer	1 x RJ11 (+12V or +24V selectable)
	DC IN	1 x 4-pin DC Power Jack
Peripheral	Customer Display	VFD, 20 columns and 2 lines, each column is 5 x 7 dots / UART I/F
	Printer	2" or 3" easy loading thermal printer with Auto cutter / USB I/F
	MSR & iButton	ISO I/II/III; JIS I/II /UART interface
Display	LCD	10.1" TFT LCD
	Resolution	1280 x 800
	Brightness	400 cd/m ²
	Touch Screen	10.1" Capacitive Touch panel
Environment	Tilt Angle	24 ~ 30 degree
	EMC & Safety	CE / FCC
	Operating Temp.	0°C ~ 35°C (32°F ~ 95°F)
	Storage Temp.	-20°C ~ 60°C (-4°F ~ 140°F)
Humidity	20% ~ 90%	

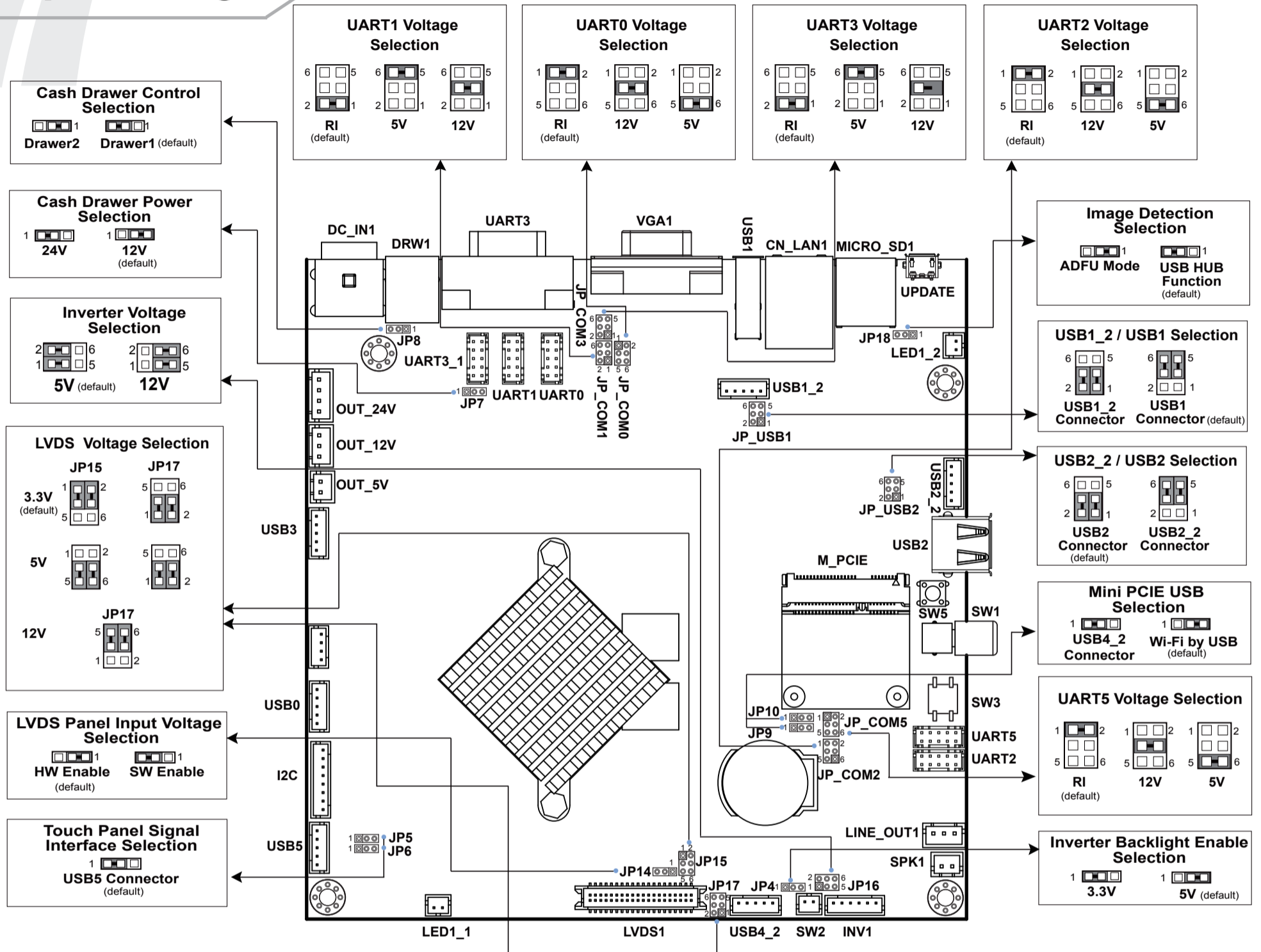
System View



PA-3211

The One-of-a-kind Highly Integrated Fanless 10.1" RISC POS Terminal

Jumper Setting



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

Safety Precaution

The following messages are reminders for safety on how to protect your systems from damages and to extend a long life of the system.

1. Check the Cable Voltage

- Make sure the range of operating voltage between AC 100~240V. Otherwise, the system could be damaged.

2. Environmental Conditions

- Place your PA-3211 on a sturdy, level surface. Be sure to allow enough space to have easy access around the system.
- Avoid extremely hot or cold place to install the system.
- Avoid exposure to sunlight for a long period of time or in an airtight space.
- Avoid the system from any heating device or using it outdoors in a cold winter day.
- Bear in mind that the operating ambient temperature is from 0~35°C (32~95°F).
- Avoid moving the system rapidly from a hot place to a cold one and vice versa for condensation may come from inside of the system.
- Place PA-3211 in strong vibration(s) may cause hard disk failure.
- Don't place the system close to any radio active device in case of signal interference.

3. Handling

- If the system isn't fully in DOS mode, adjust BIOS setting as the instruction: Advanced Chipset Feature → Boot display → choose "LFP".
- Avoid putting heavy objects on top of the system.
- Don't turn the system upside down. This may cause the hard drive to malfunction.

- Don't allow foreign objects to fall into this product.
- If water or other liquid spills into this product, unplug the power cord immediately.

4. Good Care

- When the outside of the case is stained, remove the stain with a neutral washing agent with a dry cloth.
- Never use strong agents such as benzene and thinner to clean the system. If heavy stains are present, moisten a cloth with diluted neutral washing agent or with alcohol and then wipe thoroughly with a dry cloth.
- If dust has been accumulated on the outside, remove it by using a special made vacuum cleaner for computers.
- Don't contact the surface of capacitive touch before entering your operation system, or capacitive touch may have position problems for electrostatics interface.
- Don't exchange the M/B battery by yourself or serious damage may incur.

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. And therefore we strongly recommend that qualified engineers can open and disassemble the system. The LCD and Touchscreen are easily breakable, please handle them with extra care.