

AN1330 USER'S MANUAL

Principle description :

This product, An1330, is a 13.3-inch Android system. The power is turned on by connecting the AN1330 to a 12V adapter, and the system starts to operate. When the screen displays the Android interface, you can begin installing the apps you need. This product supports two USB 3.0 ports, two USB 2.0 ports, one Ethernet 1000MHZ port, one RS232 port, one OTG port, and one Cash Drawer.

Product Features

- 1、 CPU : RK3568 highest frequency up to 2.0GHZ
- 2、 Memory : 2G/4G/8G DDR4 optional
- 3、 EMMC : 16G to 64G optional (standard 16G)
- 4、 Network : Ethernet support 10MHZ / 100MHZ / 1000MHZ LAN
WiFi support 2.4G 802.11b/g/n
- 5、 Bluetooth :BT4.2
- 6、 Operation system: ANDROID11
- 7、 Touch panel : 10 point multi-touch capacitive touch screen
- 8、 13.3 inch 1920x1080 Full HD resolution , Wide view angle TFT panel
- 9、 USB interface : USB3.0/USB HOST/OTG
- 10、 Adaptive temperature: 0 ~ 45 °C

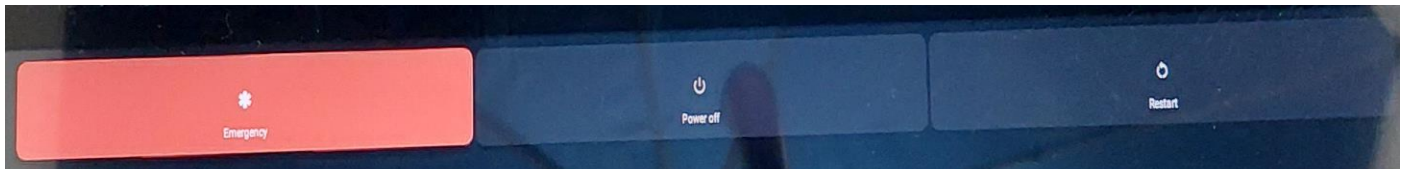
I/O Port :



Power Button :

Power ON $\xrightarrow{\text{Press one second}}$ **Sleep Mode**
Power ON $\xrightarrow{\text{Press 5 second}}$ **Power Manual**
Power ON $\xrightarrow{\text{Press 10 second}}$ **Power Off**
Sleep Mode $\xrightarrow{\text{Press one second}}$ **Wakeup**
Power Off $\xrightarrow{\text{Press one second}}$ **Power ON**

Power Manual : Emergency / Power off / Restart



RS232 connector pin-out

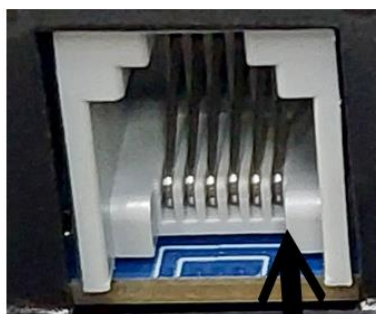


Pin-1

RJ11 4P4C interface(RS232 UART)

Pin No.	Network	Function definition
1	VCC	3.3V/5V for option
2	RX9	RS232 receiver
3	TX9	RS232 transmit
4	GND	GND

Cash Drawer connector pin-out

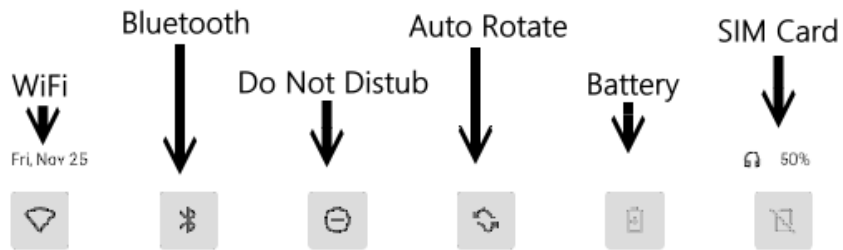


Pin-1

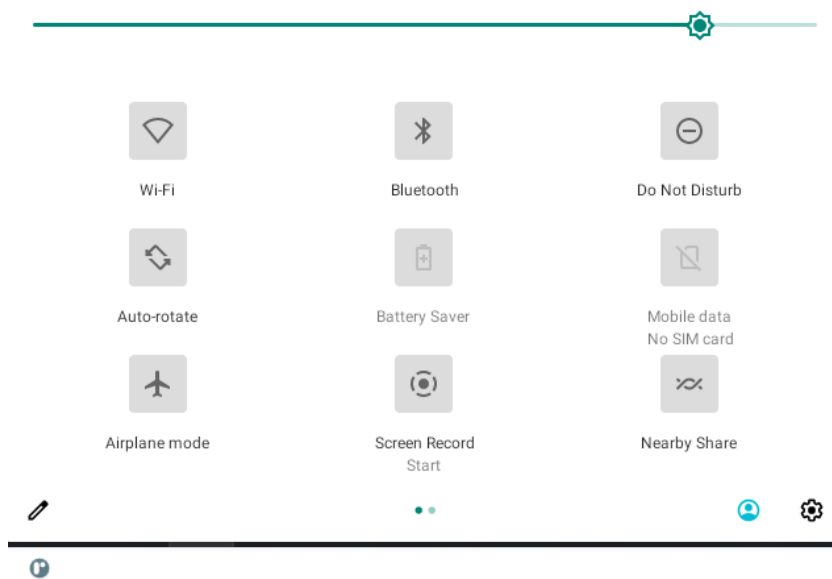
RJ11 6P6C interface(Cash drawer interface)

Pin No.	Network	Function definition
1	GND	GND
2	CASH_PWR_GND	Peripheral power circuit ground
3	CASH_STATE	Peripheral power control pin
4	CASH_24V	Peripheral power power supply pin
5	CASH_OUT2	Peripheral status control pin
6	GND	GND

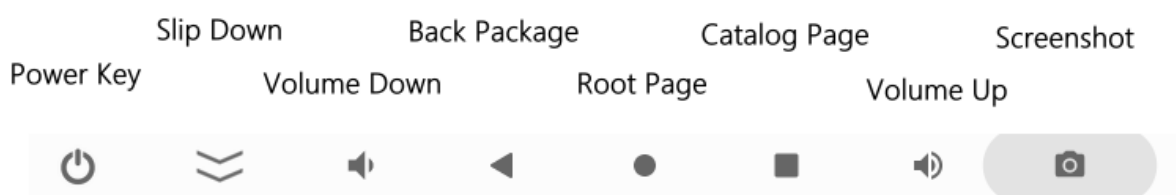
Top Indicator Bar :



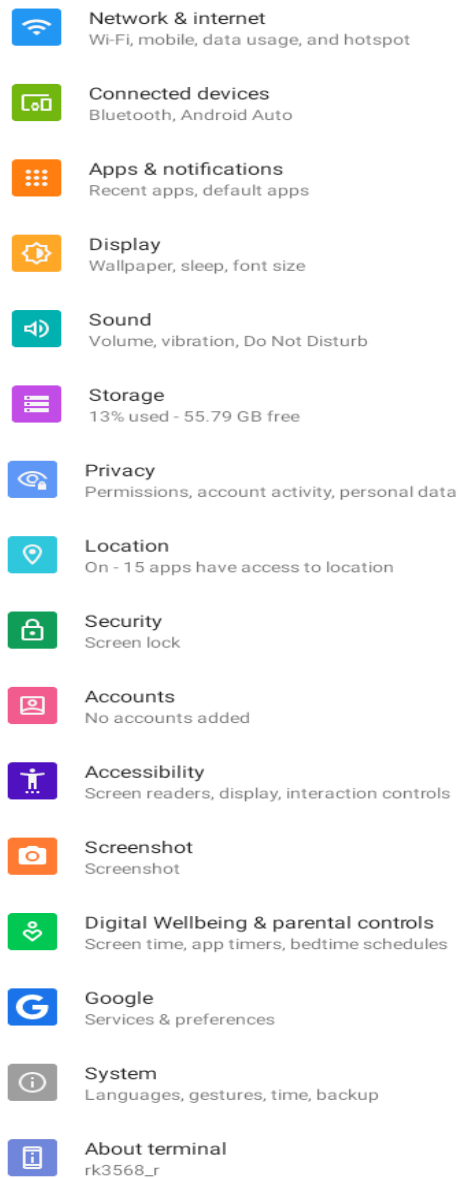
Top Tool Bar (To quickly setup system) :



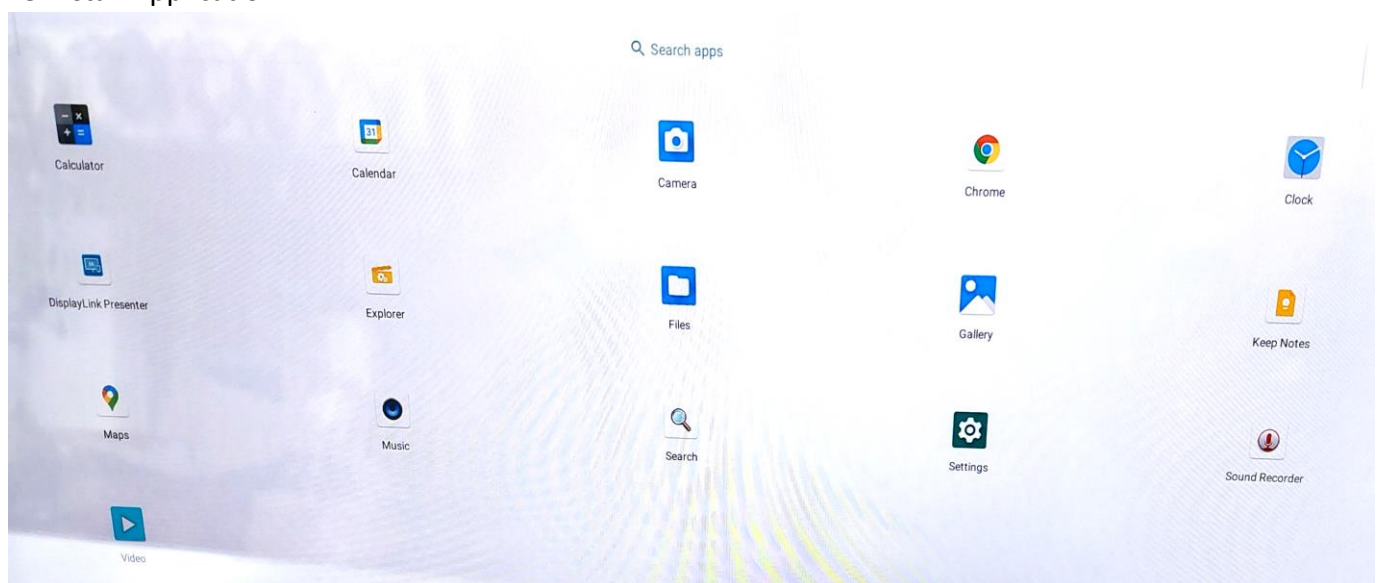
Bottom Tool Bar :



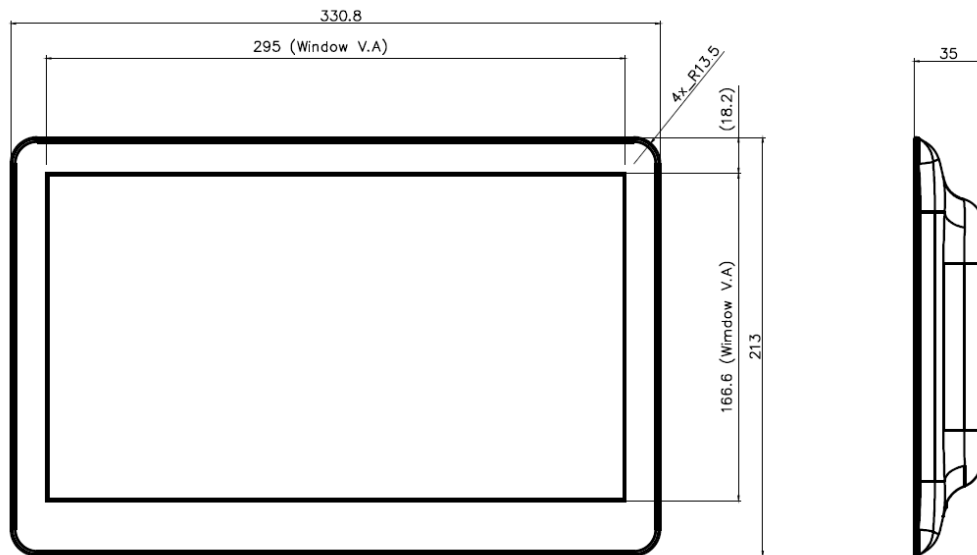
Setup (Detail system setup and information)



Pre-install Application :



Outline Dimension :



Specification :

		AN1330 (Android)
CPU		RK3568
Memory- RAM		2G/4G/8G DDR4 optional
Storage - Flash		EMMC : 16G to 64G optional (standard 16G)
Display Size		13.3 inch (16:9)
Resolution		1920 x 1080 Full HD
Interface(Back Panel)		RJ11_6P6C Cash Drawer interface(Optional) , EtherNet x1 , USB 2.0 x2 , USB 3.0 x 2 , DC Jack , RJ11_4P4C_(RS232 UART)
Specificati on	USB	USB2.0(Rear I/O) x2 + USB3.0(Rear I/O)x2 + USB OTG(Rear I/O)x1 + USB 1.1 (Header) x 4
	RS232	RS232(RJ45 Rear I/O) x 1 , UART (Header) x 6
	WiFi	WiFi 2.4G
	Bluetooth	Build-in BlueTooth Moudle
	Ethernet	10MHZ / 100MHZ /1000MHZ LAN
	DC Jack	DC 12V input
Power Consumption		6.6W (12V / 550mA)
Display Area		293.76 (H) x 165.24 (V)mm
White Luminance		300 cd/m2
Viewing Angle		170° (Horizontal)/170° (Vertical)
Build in Speaker		1W Speaker x2
RTC Battery		CR1220 x 1
Temperature		0° C~40° C (Operating)
Touch (Option)	Touch Function	Projective Capacitive Multi Touch
	Glass Type	Toughened Glass
	Optical Characteristics	Transparency > 85%
OS		ANDROID11 / Linux / Ubuntu
Power Adapter		DC 12V / 4.16A Adapter
Physical Dimension		330.8mm x 213 mmx 35mm
EMC / Safty Standards		CE / FCC

FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.