

POS-Terminal ATOL START 16

User Manual v1.1



1. Packing List:

Thank you for your trust in purchasing our products, when you receive the product, please ensure that the outer packaging of the product is intact, if there is any damage or missing accessories, please contact your dealer.

- START 16, POS-Terminal x 1
- Power adapter x 1
- Power cord x 1

2. POS configuration:

CPU	Celeron® J3455 4C/4T 1.5GHz (Max 2.3GHz) 2MB
Ram	DDR3 4GB (by default)
SSD	128G (by default)
OS Support	Windows 10 IoT, Linux
Display	
LCD display	15.6" LED TFT
Brightness	250 nits
Resolution	1366 x 768
Touch screen	Multi-point Capacitive touch Screen
I/O Port	
Serial	1*COM port
USB	6*USB2.0 (External: 5 in IO panel); 2*USB3.0 (External); 2*USB2.0 (Internal, reserved for touch screen, MSR)
LAN	1×RJ45, 1Gbit/s, LAN (RTL8111H)
Power	12V 5A DC 60W, 2-pin Connector with Lock (100V ~ 240V AC, 50~60Hz)
Audio	1 * headphone socket left and right dual channel output
Others	
Color	Black
Dimension (CM)	36*47*53
Operating Temp. and Humidity	0~40℃,20%~80% RH Non-condensing
	-20℃~60℃,20%~85% RH non-condensing

Model display:



The illustration is for reference only, please refer to the actual product.

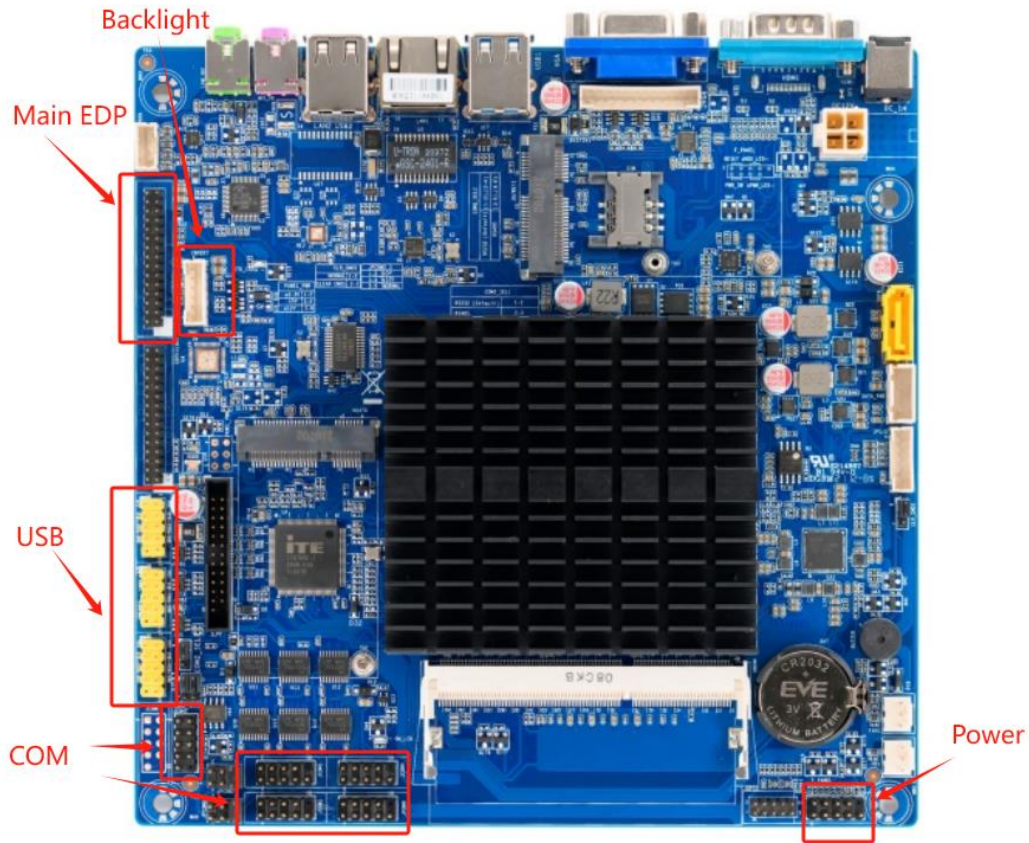
IO interface diagram:



Description:

Interface port	Description
DCIN	Power input interface, support 12V power input
COM	COM*1, RS232 protocol, 5V output/12V output voltage optional
VGA	Universal display interface
LAN	Realtek 8111F Gigabit Ethernet
	Link LED: Solid green, indicating that the network is connected
	Active LED: Flashes orange to indicate data transmission
USB	USB3.0*2 USB2.0*6
Audio	ALC662 5.1 channel audio

Basic Operation Guide:



The location of the plug is detailed in the figure below

Security Notes:

- Do not arbitrarily tear the serial number and agent warranty sticker on the motherboard before installation, otherwise it will affect the determination standard of the product warranty period.
- Be sure to turn off the power and unplug the power cord before installing or adding other hardware devices.
- When installing other hardware devices to the external connector of the machine, make sure that the connector and socket are tightly coupled.
- When you want to unplug the machine's power outlet, make sure the power supply is off.
- Before turning on the power, make sure that the voltage value of the power supply is the standard value of the voltage set in the window.
- Before turning on the power, make sure that all hardware cables and power cables are properly connected.
- Do not place the machine in an unstable place.
- Do not place the machine in an environment where the temperature is too high.
- Do not use aggressive chemical cleaners to clean surfaces.

If you are not familiar with performing the installation or if any technical problems occur with the use of this product, please consult a professional technician

1. Warranty:

Your purchase of a touchscreen product (including accessories) means you get a 12-month return and labor warranty on essential parts;

2. Non-warranty:

1. Failure or damage caused by improper installation, storage or use of non-compliant products (including peripherals);
2. Damage caused by failure or damage to products (including peripheral equipment) due to accident or abuse, attempted repair or modification, contact with oil, water, etc.;
3. Failure or damage (including appearance) of products (including peripherals) caused by unexpected factors or human causes (scratches, handling, impact, improper input voltage and current, etc.);
4. Product failure or damage caused by natural disasters and other force majeure (such as earthquake, fire, etc.);
5. Product failure or damage caused by the use of oxidation products, short circuit, etc.;
6. Bar codes and serial numbers have been altered, deleted, lost, the date of purchase is not recognized (including peripherals);

If the goods are returned due to improper packaging or handling, damage is caused during transit.