Manuals+ — User Manuals Simplified.

Qicai QC-3201N Touch All-In-One Machine Instruction Manual

Contents

Qicai QC-3201N Touch All-In-One Machine

Dear users:

Welcome to use the company's production of 32-inch electronic class all-in-one machine, this intelligent display terminal all-in-one machine using advanced integrated circuits and high-quality LED display, with low power consumption, stable performance, no and other advantages. This intelligent display terminal all-in-one machine is easy to operate, safe, and has HDMI output. The interactive intelligent tablet can also be used in intelligent warehousing, industrial control automation equipment and other systems.
For reliable, long-term normal use and optimal use, please read this instruction manual carefully

Precautions

1. Please use the power adapter that comes with it, and if you need it, please pay attention to provide a qualified power supply.
2. Do not put the machine in the sun, nor do you store or use it in a cold, hot or humid place.
3. When using, the display screen should be protected from strong light to ensure the image effect and long-term use of the machine.
4. Although there are anti-shock protection measures inside the machine, it should also avoid violent collisions.
5. The all-in-one intelligent display terminal equipped with touch function should avoid using metal objects for operation when operating, so as not to damage the surface of the touch screen.
6. 6. Do not use chemical reagents or solvents to scrub the machine, use a soft cloth to wipe off the dust on the machine to ensure that the case is not scratched.
7. There are no user-adjustable components in the machine, non-professionals, please do not open the machine by yourself or try to repair the product by yourself to avoid unnecessary damage.

Product features

1. DC 12V input voltage interface
2. LAN input port: HDMI output port
3. 3.5mm audio output port
4. HDMI output port
5. SIM card/TF card Bears the card slot
6. USB3.0 interface
7. USB OTG interface
8. WIFI/Bluetooth antenna

Matching power supply

1. The power cord with the prefix of the national standard
2. DC 2.5 interface power adapter

Connection between the adapter and power cord and the unit

1. Insert the matching prefix power cable into the corresponding interface of the power adapter, make sure that it is in good contact, and then plug the DC2.5 power
   input terminal at the other end into the DC power input port of the device (product
   feature "1" position).
2. When using the machine, please use the power adapter that is supplied with the machine, if you need to use other types of power supply for other reasons, please note that the supply power should be not less than 60WDC12V±10%qualified communication power supply

Operating instructions

Firmware update operation instructions

1. First of all, you need to install ADB on the computer, prepare a double-ended USB data cable, and plug it into the USB near the power port of the Android board
2. If the motherboard is booted on, you need to turn on USB mode

If the ADB tool is normal, an ADB device will be found

After clicking Switch, wait a while, the Android board will go black, don't worry, click Upgrade

Then wait for the device to restart, about a minute or so, you need to enter the systemandset it to portrait mode, Settings-Display-Screen Orientation-Vertical Screen.

Technical parameters

display screen	TFT-LCD 2073600 Pixels

CPU	RK3568, quad-core 64-bit Cortex-A55, clocked at up to 1.8GHz
GPU	ARM G52 2EE, supports OpenGL ES 1.1/2.0/3.2, OpenCL 2.0, Vulkan 1.1, and embeds high-performance 2Dacceleration hardware
RAM	LPDDR4X 1GB/2GB(default)/4GB/8GB
ROM	EMMC 8G(default)/16/32G/64G/128GB(Optional)
Memory expansion	Support up to 128GB TF card expansion
Ethernet	1 standard RJ45 interface, 10/100M adaptive Ethernet
WIFI/ Bluetooth	Onboard WIFI/BT module, support WiFi2.4GHz, support 802.11b/g/protocol, support Bluetooth 4.0
Mobile Network	1 BUILT-IN MINI PCIE SOCKET SLOT FOR EXTENDEDCONNECTION TO 3G/4G MODULES
operating system	Android11/debian/ubuntu18.04/ubuntu20.04/buildroot
Default physical resolution	1920*1080
Resolutions can be supported	3840*2160 (output HDMI 2.0)
Average brightness	250 cd/
contrast	1200 1 Translucent
Viewing angle	89°/89°,89°/89° (Typ)
Pixel layout	RGB Vertical striated
Display mode	ADS Long black display, transmissive
Speaker output power	≥250mW/8Ω
Enter the supply voltage range	DC12V±10
Signal input channel	LVDS

Use ambient temperature	0 60°C
Store at ambient temperature	20 60°C
Exterior dimensions	464 W ×769.9(H)×50.4(D)mm

Random attachments

AC power adapter for indoor use 1**Pcs**
Three plugs in the power cord at the prefix **1Pcs**
antenna **2Pcs**

Troubleshooting common problems

1. No black screen is displayed

   Please make sure that the power cord is plugged in tightly from the pint totheadapter. Make sure that the DC

   2.5mm of the adapter is connected to the All-in-OneSmart Terminal and plugged in tightly.

2. The touch screen has no effect

   Confirm whether the APP program is stuck, power off and restart the device.

3. No 4G network

   Please check if your SIM card is in arrears. Please check if the 4G antenna is not connected. Please check that

   the SIM card is inserted tightly.

4. No wired internet

   Please check whether the network cable is plugged in tightly, and whether the network cable is unblocked. 5.

   No WIFI network

   Please check if the WIFI antenna is plugged in tightly.

Remarks:
If you still have other questions, please contact our relevant personnel.

FCC Warning

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that are deemed to comply without testing of specific absorption ratio (SAR).Cet equipement est conforme aux limites d'exposition aux rayonnements énoncée pour un environnement non controlee's et respecte les regales d'exposition aux frequences radioelectriques (RF) CNR-102 de l'IC. Cet equipement emit une energy RF tress faible qui est considered conforme sans evaluations du debits d'absorption spécifique (DAS).

"To comply with FCC RF exposure compliance requirements, this grant is applicable to only mobile configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."

Documents / Resources

Qicai QC-3201N Touch All-In-One Machine [pdf] Instruction Manual
QC-3201N Touch All-In-One Machine, QC-3201N, Touch All-In-One Machine, All-In-One Machine, One Machine, Machine

References

- **User Manual**