GreenTouch®

0802C   8" LCD
Open Android touch all-in-one

GreenTouch's 0802C 8" Open Android touch all-in-One PC is the integrated touch solution designed for automatic information systems, gaming and entertainment, as well as industrial Automation and control. the open frame touch all-in-one PC is made based on the idea "designed for simple and convenience" and with the proven GreenTouch professionalism and reliability. The precise small frame design makes it easier for customers to install them product in the cabinet. Designed and built by GreenTouch, the model has a long life cycle and can offer long-term demands.

This model is versatile and powerful, with modular design and optional configuration. For customers with low performance requirements, the ultra-low power consumption and cost-effective ZC-3566 solution is recommended; the board integrates multimedia decoding, LCD driver, Ethernet, HDMI, WIFI, 3G, Bluetooth, supports most of the current popular video and picture format decoding, supports HDMI video output, TF card and The SIM card holder with lock is more stable, which greatly simplifies the system design of the whole machine; built-in speaker, 12V low-voltage power supply.

The all-in-one machine comes with a series of output connection ports, supporting various third-party peripheral devices. The standard ports include 2 standard USB ports, a 100 Mbps wired network card interface, and 1 3.5MM audio left and right channel output, 1 TF card, and 1 HDMI video output port, facilitating the addition of a second customer display.
A variety of industry-leading GreenTouch projected capacitive touch technologies is available. The model has global standard of agencies' certification and GreenTouch warranty and after-sales service,providing a cost-effective solution for industrial embedded systems integrators and value-added resellers (VARs).

About GreenTouch

Shenzhen GreenTouch Technology Co., Ltd. is a professional manufacturer of product.Our company specializes in R&D, manufacture and marketing of high-grade touch screen and value-added touch machine. Our company has our own brand—GreenTouch and provides customers with touch products including SAW touch screen, IR touch screen, four-wire touch screen, five-wire touch screen,various touch screen monitors and touch all in one PC TV. GreenTouch has automatic production lines and the sealed dust-free workshops and has been certified to ISO9001Quality Management System . The products are inspected in strict accordance with the quality management system. Quality management becomes an essential part of operation.Our products have been certified to CE, FCC,ROHS . The objective of GreenTouch is to become the most reliable supplier oftouch screen, high value-added and special touch products and touch solutions in the world.

Applications

· Information Kiosk
· Game and Entertainment
· Industrial Automation
· Self-checking service

Features

· Optional Motherboard Configuration inlcudes:
ZC-3566

· Optional touch technologies include:
Projected capacitive

· Compact and easy to integrate with mounting from sides or top and bottom; also a VESA mount option

· Worldwide agency approvals

· One year standard warranty

Specifications

Case/ frame color	Black
Machine dimensions	218.08mm(W) x140.8 mm(H),Thickness: 41.2mm
Display type	8" Diagonal,Ratio16:9,Active matrix TFT LCD, LED backlight
Resolution(pixel)	1024 x 600 @ 60Hz
Active Area Dimensions	177.64mm(H) x 100.36mm(V)
Display Colors	16.7M
Brightness (Standard)	500 cd/m²
Response time (standard)	25ms
View Angle(from center)	Horizontal (left / right): ±85° or a total of 170° Vertical (up/down):85/85° , or 170° total
Contrast ratio (standard)	1000: 1(Typ.)
Touch Technology	projected capacitive Touch chip: weida Touch points: 1-10 Touch supply voltage: 5V Touch interface: USB Touch support system: Windows, Android, linux
Motherboard	ZC-3566 Rockchip RK3566 High-performance, low-power quad-core 64-bit Cortex-A55, the main frequency is up to 1.8Ghz
Operating system	Android11
Memory	DDR3 4GB
Built in memory	EMMC FLASH 32G
Network support	3G, Ethernet, WiFi / Bluetooth 4.0, wireless peripheral extension
Wireless	Built in WiFi or WiFi / BT module (optional), 802.11b/g/n, default single WiFi module, external 1 3dB omnidirectional antenna
Speakers	Built-in 2*3W speakers
HDMI Output	1, Support 1080P@120Hz,4kX2k@60Hz Output
USB2.0 interface	2 USB HOST
TF Card	Support TF Card
Headset / Microphone	1 external headphone audio output
Audio and video output	1 built-in socket output, can directly drive up to 2*3W / 8Ω speakers
Video function	USB camera support
Power	External DC, input voltage DC: 12V; INPUT POWER CONNECTOR SPECIFICATIONS (for all in one PC) - Type: DC cartridge receptacle; Cartridge ID: 5.5 mm (± 0.3 mm); Needle OD: 2.0 mm (+0.0 -0.1 mm); Cartridge depth: 8.0 mm (± 0.3 mm);
Power consumption (standard)	Depend on Motherboard and the minimum is 25W
Temperature	Operating: -20℃ to70℃; Storage: -30℃ to 80℃
Humidity	Operating: 20% to 80% (non-condensing); Storage: 5% to 95% (non-condensing)
Warranty	1 year
Weight (approx.)	Net weight: 1.2 kg(Typ.); Shipping: 2.2 kg (reference)
Mounting options	75mm VESA mounting,open bracket mounting
Water and dust protection/Explosion-proof	IP65(front)/IK06(front)
Surface treatment	NA
Agency Approvals	FCC, CE, CB,China RoHS CQC

Ordering Information

Model	CPU	RAM	Storage	Surface Treatment	Availability
GT-TC2C-080-RK3566-D4GS32G	RK3566	4G	32G	Clear	Worldwide

To find out more about our extensive range of GreenTouch touch solutions, go to www.greentouch.com.cn, or ifo@greentouch.com.cn
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