GreenTouch®

2383A   23.8" LCD
Android touch all-in-one

GreenTouch's 3A series Android touch all-in-one PCs are touch solutions with low power consumption, ultra-thin body design, high-resolution display and excellent multi-touch interactive experience. Compared with ordinary monitors, 3A series of professional design and High performance is more suitable for applications in retail and other industries. Designed and built by GreenTouch, this model has a long life cycle and can supply long-term needs.

This model is versatile and powerful, with modular design and optional configuration. For customers with low performance requirements, it is recommended to choose the ultra-low power consumption and cost-effective ZC-3566 solution; 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 , which greatly simplifies the system design of the whole machine; built-in speaker, 12V low-voltage power supply.
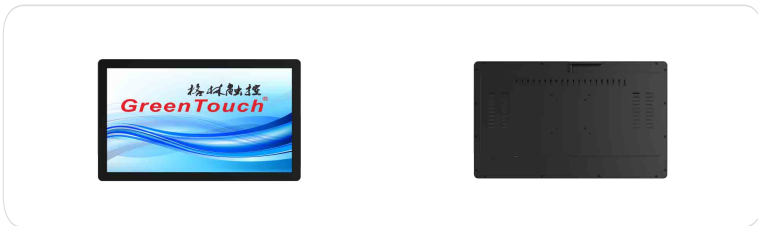
The all-in-one machine comes with a series of output connection ports, supporting various third-party peripheral devices. Standard ports include 2 standard USB ports, a 100 megabit wired network card interface, and 1 3.5MM audio left and right channel output, 1 TF card, and 1 HDMI video output port, making it easy to add a second customer display.

The series features industry-leading GreenTouch projected capacitive touch technology. This model has global regulatory agency certification, as well as GreenTouch's warranty and after-sales service. It provides a cost-effective all-in-one touch solution for industrial embedded system 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 ISO9001 Quality 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

· retail terminal
· Rail transit
· Finance and other industries
· self service

Features

· Optional Motherboard Configuration inlcudes: ZC-3566

· Touch technologies include:
      Projected Capacitor:
· Stylish appearance
· Continues to work even if the touchscreen is scratched
· Easy integration, low maintenance
· Excellent performance
· Accuracy and reliability
· Drift free operation

· Worldwide agency approvals

· One year standard warranty

Specifications

Case/ frame color	Black
Machine dimensions	574.5mm(W) x346.8mm(H),Thickness: 42 mm
Display type	23.8"Diagonal,Ratio16:9,Active matrix TFT LCD, LED backlight
Resolution(pixel)	1920 x 1080 @ 60Hz
Active Area Dimensions	521.28mm(H) x 293.22mm(V)
Display Colors	16.7M
Brightness (Standard)	250 cd/m²
Response time (standard)	14ms
View Angle(from center)	Horizontal (left / right): ±89° or a total of 178°
	Vertical (up / down): ± 89° or a total of 178°
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	Android
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*2W speakers
HDMI Output	1, Support 1080P@120Hz,4kX2k@60Hz Output
USB interface	2 xUSB HOST
TF Card	Support TF Card
Headset / Microphone	1 external headphone audio output
Audio and video output	Support left and right channel output, built-in 8R /2W power amplifier
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: 0°C to 50°C; Storage: -20°C to 60°C
Humidity	Operating: 20% to 80% (non-condensing); Storage: 5% to 95% (non-condensing)
Warranty	1 year
Weight (approx.)	Net weight: 7 kg(Typ.); Shipping: 9 kg (reference)
Mounting options	100mm or 75mm VESA 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-TC3A-238-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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