1853A 18.5" 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).

- "Design for simple and convenience" the idea
- · Outstanding quality, reliability and Cost-effective

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

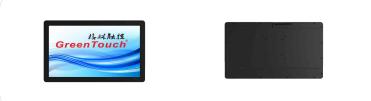
- · retail terminal
- · Rail transit
- · Finance and other industries
- · self service

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 reliabilityDrift free operation
- Worldwide agency approvals
- · One year standard warranty





Specifications

Case/ frame color	Black			
Machine dimensions	456.9mm(W) x277.4 mm(H),Thickness: 42 mm			
Display type	18.5" Diagonal, Ratio 16:9, Active matrix TFT LCD, LED backlight			
Resolution(pixel)	1366 x 768 @ 60Hz			
Active Area Dimensions	408.5mm(H) x 229mm(V)			
Display Colors	16.7M			
Brightness (Standard)	250cd/m ²			
Response time (standard)	1.4ms			
View Angle(from center)	Horizontal (left / right): ±85° or a total of 170° Vertical (up / down): ± 80° or a total of 160°			
Contrast ratio (standard)	1000: 1(Typ.)			
Touch Technology	projected capacitive Touch chip: welda Touch points; 1-10 Touch supply voltage; SV Touch interface; USB Touch support system; Windows, Android, Ilinux			
Motherboard	ZC-3566 Rockchip RK3566 High-performance, low-power quad-core 64-bit Cortex-A55, the main frequency is up to 1.86hz			
Operating system	Android			
Memory	DDR3 4GB			
Built in memory	EMMC FLASH 32G			
Network support	3G、Ethemet, 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	Bullt-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	Extemal 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°Cto 60°C			
Humidity	Operating: 20% to 80% (non-condensing); Storage: 5% to 95% (non-condensing)			
Warranty	1 year			
Weight (approx.)	Net weight: 4.4 kg(Typ.); Shipping: 6.2 kg (reference)			
Mounting options	100mm or 75mm VESA mounting			
Water and dust protection/Explosion-proof	IP65(front)/IK06(front)			
Surface treatment	NA NA			
Agency Approvals	FCC, CE, CB,China RoHS CQC			

Ordering Information

Model	CPU	RAM	Storage	Surface Treatment	Availability
GT-TC3A-185-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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