

10.1" LCD

Open computer touch industrial computer

GreenTouch's Open computer touch industrial computer 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 with versatile and powerful function and modular design. On configuration options, customers can choose INTEL J1900 solution which is ultra-low power consumption and cost-effective for their low requirement; For customers with high requirement, the optional can be haswell-U chipset with more powerful I3 / I5 / I7-U which is board-built with Intel HD graphics and audio decoding and the different capacity of memory is available, built-in MSTAT SSD. The second 2.5-inch hard drive can enhance storage capacity; dual antenna WIFI, built-in speaker, 12V low voltage power supply.

Touch all-in-One is with a range of I/O ports and support a variety of third-party peripherals. The standard ports include two RS-232 serial ports, four USB ports, Gigabit Ethernet interface RJ45 and a group of 3.5MM audio input port and a group of audio output port, a VGA and an HDMI video output port to be easy to increase the second monitor.

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).

Features

- Optional Motherboard Configuration includes: Intel Bay Trail-d chipset with: Celeron J1900 @1.99GHz Intel Core-u series chipset with Intel Core I3-U Intel Core I5-U Intel Core I7-U
- 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



- “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 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 of touch 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

Specifications

|   |   |
|---|---|
| Case/ frame color                         | Black   |
| Machine dimensions                        | W: 263.4mm x H: 182mm x D: 55mm   |
| Display type                              | 10.1" diagonal 16:10 Active matrix TFT LCD, LED backlight   |
| Resolution(pixel)                         | 1280x800 @ 60HZ   |
| Active Area Dimensions                    | 216.96mm(H)x135.6(V)  |
| Display Colors                            | 16.7M   |
| Brightness (Standard)                     | 500 cd/m <sup>2</sup>   |
| Response time (standard)                  | 30ms  |
| View Angle(from center)                   | Horizontal (left / right):85/85° ,Vertical (up / down):85/85°   |
| Contrast (standard)                       | 1300:1  |
| Touch Technology                          | projected capacitive  |
|   | Touch chip: welda, eeti, ilitek   |
|   | Touch points: 1-10  |
|   | Touch supply voltage: 5V  |
|   | Touch interface: USB  |
| Touch support system:                     | Windows, Android, linux   |
| Motherboard                               | Intel Core I3-3217U   |
| Graphics                                  | Onboard Intel HD graphics   |
| Sound Card                                | Onboard Realtek ALC662HD audio decoding   |
| RAM                                       | 4GB   |
| MSTAT SSD                                 | 128G  |
| HDD                                       | Optional addition of 500G, 1T HDD   |
| Wifi                                      | Built-in 802.11b / g / n wireless, external two 3DB omnidirectional antenna   |
| Speakers                                  | Built-in 2*3W speakers  |
| Extra Video output                        | 1 x VGA; 1 x HDMI; DP ( Optional )  |
| USB interface                             | 4*USB TYPE-A  |
| Network card                              | 1 read onboard Realtek 8111e Gigabit  |
| Audio Interface                           | 1*3.5mm Audio input;1*3.5mm Audio output  |
| RS232 interface                           | 2*RS232(standard)interfaces   |
| 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 40W  |
| Supported OS                              | Support Windows OS(suggest Windows7 up )Linux/Android x86   |
| Temperature                               | Operating: -20°C ~ 70°C; Storage: -30°C ~ 80°C  |
| Humidity                                  | Operating: 10% to 90% (non-condensing); Storage: 10% to 90% (non-condensing)  |
| Warranty                                  | 1 year  |
| Weight (approx.)                          | Net weight:2.2kg;Shipping: 2.9 kg (reference)   |
| Mounting options                          | 75mm VESA mounting open bracket mounting  |
| Water and dust protection/Explosion-proof | IP65(front)/IK06(front)   |
| Surface treatment                         | AG AR AF (Optional)   |
| Agency Approvals                          | FCC, CE,CB, China RoHS CQC  |

Ordering Information

| Model      | Part Number                 | CPU           | RAM | Storage | Surface Treatment | Availability |
|------------|-----------------------------|---------------|-----|---------|-------------------|--------------|
| GT-TC1013D | GT-TC1013D-I33217U-D4GS128G | Intel Core i3 | 4G  | 128G    | Clear             | Worldwide    |

To find out more about our extensive range of GreenTouch touch solutions, go to [www.greentouch.com.cn](http://www.greentouch.com.cn), or [ifo@greentouch.com.cn](mailto:ifo@greentouch.com.cn)

Service call: +86-755-29370883/29371519

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