

## 18.5" 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:465mm x H:285.5mm x D:55.5mm
Display type	18.5" diagonal 16:9 Active matrix TFT LCD, LED backlight
Resolution(pixel)	1366 x 768 @ 60Hz
Active Area Dimensions	409.8mm(H) x 230.4mm(V)
Display Colors	16.7M
Brightness (Standard)	250 cd/m <sup>2</sup>
Response time (standard)	9ms
View Angle(from center)	Horizontal (left / right):89/89° , Vertical (up / down):89/89°
Contrast (standard)	3000:1
Touch Technology	projected capacitive Touch chip: weida, eeti, illitek Touch points: 1-10 Touch supply voltage: 5V Touch interface: USB Touch support system: Windows, Android, linux
Motherboard	Intel Core I3-4030U
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 30dB 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 road 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: 0°C - 50°C; Storage: -20°C - 60°C
Humidity	Operating: 5% to 90% (non-condensing); Storage: 5% to 90% (non-condensing)
Warranty	1 year
Weight (approx.)	Net weight:5.3kg;Shipping:5.9kg (reference)
Mounting options	100mm or 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-TC1853D	GT-TC1853D-I34030U-D4G5128G	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)

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