faytech Tech. Co., Ltd.

Floor 5&6, Building F.,
Hongmen Tech. Zone,
Jihua Rd., Shenzhen,
China 518129

contact@faytech.com

faytech AG

Karl-Grüneklee-Str. 23-27
37077 Göttingen
Germany

contact@faytech.de

faytech Tech. Co., Ltd.

Relies on German Engineering standards and combines that with attractively priced Asian Manufacturing. In combination with reliable Local Service, faytech offers one of the most interesting packages in the touch device industry.

Distributors in Europe, North America, Australia, Africa and Asia offer faytech products, which makes faytech a reliable global brand.

For technical questions & support please contact:

Worldwide support

support@faytech.com (English, German, Chinese)

Support hotlines:

Germany: +49 (0) 551 82098660 (German)

USA: +1 646 205 3214 (English)

China: +86 755 89580612 (English, German, Chinese)

Website:

www.faytech.com

Company videos:

www.youtube.com/faytechTouchDevices

Blog:

www.faytechtouchdevices.wordpress.com

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2017

faytech, nice touch.

Your Touch Device Specialist

German Engineering
Asian Manufacturing
Local Service

EIGENE FABRIK IN CHINA
UNTER DEUTSCHER LEITUNG

faytech Tech. Co., Ltd.   www.faytech.com

APPLICATIONS

INDUSTRIAL AUTOMATION B2B TELEMATICS

KIOSKS ATM/POS MEDICAL

faytech's quality

faytech is a German owned company under German management operating our own factory in Shenzhen China, utilizing the cost advantages of Asian manufacturing. Using German engineering standards, our R&D team designs our products and specifies all of the components in addition to assuring that all products are manufactured in the highest quality.

faytech's in-house developed and designed touch controller, which is based on EERI's chipset, supports a wide range of drivers and operating systems, delivering high reliability and serviceability. Our industry leading mainboards are produced by world-famous ODM manufacturers, and designed in collaboration with faytech.

faytech uses only new panels from the most reliable LCD panel manufacturers and 100% guarantees no pixel fault.

All faytech products are backed with a worldwide two-year warranty, with better after sale support available in English, German and Chinese.

We comply with the highest worldwide standards, e.g. RoHS, CE, FCC, CCC, UL and received ISO 9001:2008 certification.
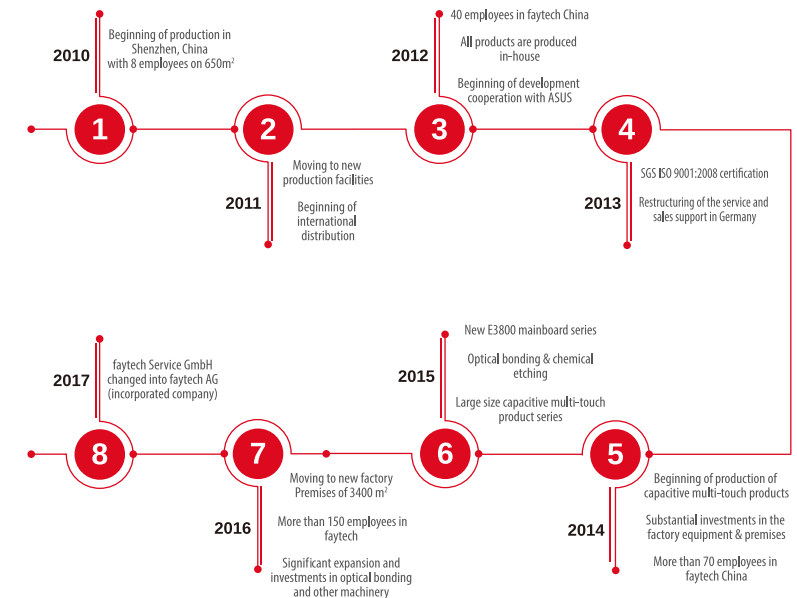
faytech's roots lay in Germany. Arne Weber, the founding manager of faytech, started to develop and market electronic devices in 2001. Later in 2006, the today called faytech Service GmbH started to import touchscreen displays in Germany. Within three years, the German corporation became the leading touchscreen supplier in Germany in this niche.

Based on the early success, Fan Yang joined faytech. After that the management team moved to Shenzhen to start its own production facility in China. By doing this the company now combines German quality and development know-how together with Chinese sourcing and manufacturing competencies. In 2009, faytech Tech. Co., Ltd. was founded and Fan has been leading the company since then as a founding manager.

In 2010, faytech began to produce touch PCs in its own factory for the first time. Today all offered touch devices are solely designed and manufactured by faytech. produced on its own ISO 9001:2008 certified production lines, following strict German quality guidelines and expectations. faytech's marketing strategy is to deliver the best price/quality ratio in the industrial and B2B touch device market.

7 YEARS
OF PRODUCTION IN SHENZHEN

2010 — Beginning of production in Shenzhen, China with 8 employees on 650m²

① 2011 — Moving to new production facilities / Beginning of international distribution

② ③ 2012 — 40 employees in faytech China / All products are produced in-house / Beginning of development cooperation with ASUS

④ 2013 — SGS ISO 9001:2008 certification / Restructuring of the service and sales support in Germany

2015 — New E3800 mainboard series / Optical bonding & chemical etching / Large size capacitive multi-touch product series

⑤ 2014 — Beginning of production of capacitive multi-touch products / Substantial investments in the factory equipment & premises / More than 70 employees in faytech China

⑦ 2016 — Moving to new factory Premises of 3400 m² / More than 150 employees in faytech / Significant expansion and investments in optical bonding and other machinery

⑧ 2017 — faytech Service GmbH changed into faytech AG (incorporated company)

Resistive Touch Monitors

High quality and reliable monitor series comes with VGA, HDMI, and video inputs. The monitors are suitable for usage as HTPC, control monitors, TV monitors, info terminals, in OEM applications, kiosks, vehicles, home automation, and many other operation fields.

7″ Touch Monitor   8″ Touch Monitor   10″ Touch Monitor   12.1″ Touch Monitor

15″ Touch Monitor   17″ Touch Monitor   19″ Touch Monitor   22″ Touch Monitor

7″ - 21.5″ CAPACITIVE TOUCH MONITORS

faytech's capacitive Touch Monitor series has a modern sleek look with its flat edge to edge glass front panels, and a patented silicone rubberized seal making the front panels IP65 water proof and dust proof. This new series comes with capacitive 10 finger multi touch, glass front following MosH7, the glass surface is anti glare treated (chemically etched), a wide variety of interfaces including USB-B for touch, HDMI, DVI-D, VGA and Audio inputs, all lockable including the DC-IN. Each capacitive Touch Monitor has an A+ industrial LCD panel backed by faytech's 100% no dead pixel guarantee. Each monitor comes with its own desktop stand, and screw patterns on the back for VESA-75 or VESA-100 mounts.

	7″ Touch Monitor	10.1″ Touch Monitor	13.3″ Touch Monitor	15″ Touch Monitor	21.5″ Touch Monitor
Case size (cm) L x W x H	19.56 x 13.76 x 3.75	27.60 x 19.20 x 3.40	34.70 x 21.90 x 3.60	35.20 x 27.60 x 6.20	52.80 x 32.40 x 4.60
Display diagonal (inch/cm)	7/17.78	10.1/25.65	13.3/33.78	15/38.10	21.5/54.69
Display active screen	15.36×9.00	21.70×13.60	29.37×16.52	30.40 x 22.80	47.70 x 26.80
Mounting	VESA 100	VESA 100	VESA 100	VESA 100	VESA 100
Net weight (kg)	0.60	0.95	1.5	4.10	7.30
Aspect ratio	17:10	16:10	16:9	4:3	16:9
Screen resolution	1024×600	1280×800	1920×1080	1024x768	1920×1080
Maximal screen resolution	1920x1200	1920×1080	1920×1080	1920x1200	1920x1200
Colors displayed	500	16.7M	16.7M	16.2M	16.7M
Brightness (cd/m²)	400	350	350	300	250
Contrast	700:1	800:1	700:1	700:1	1000:1
Typical reaction time Tr/Tf (ms)	10/15	10/15	14/11	8/12	1.5/3.5
Viewing angle horizont./vertic. (°)	150/145	170/170	178/178	160/160	170/160
Line voltage (V)	12	12	12	12	12
Power consumption (W)	5	10	12	18	28
Operating temperature (°C)	-10 to +60	-10 to +60	-10 to +60	-10 to +65	-10 to +65
Touch Technology	Capacitive 10-point multi-touch	Projected Capacitive 10-point Multitouch	Projected Capacitive 10-point Multitouch	Capacitive 10-point multi-touch	Capacitive 10-point multi-touch
Touch connectors	USB	USB	USB	USB	USB
Touch panel drivers	Windows, Linux, Mac, Android	Windows, Linux, Mac, Android	Windows, Linux, Mac, Android	Windows, Linux, Mac, Android	Windows, Linux, Mac, Android
Touch panel life expectancy	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Surface hardness	7H	7H	7H	7H	7H

Connectors:
VGA, DVI, HDMI; Audio-Out, Audio-In;

Additional features:
OSD Menu with lockable front buttons, loudspeaker, stand;

+60°C
-10°C

7″ IP65 High Brightness Touch Monitor

Case size (cm) L x W x H	21.40 x 13.40 x 3.85
Display diagonal (inch/cm)	7/17.78
Display (cm)	15.36 x 9.00
Mounting	VESA 75
Net weight (kg)	1.10
Aspect ratio	16:9
Screen resolution	1024x600
Maximal screen resolution	1920x1080
Colors displayed	262K
Luminance (cd/m²)	1000+
Contrast	700:1
Typical reaction time Tr/Tf (ms)	10/15
Viewing angle horizont./vertic. (°)	150/145
Line voltage (V)	8-36
Power consumption (W)	7
Operating temperature (°C)	-25 to +75
Touch panel	4-wire resistive
Touch connectors	USB
Touch panel drivers	Windows, Linux, Mac, Android
Touch panel life expectancy	> 1 million in 1 location without failure
Surface hardness	3H

WIDE TEMPERATURE RANGE

HIGH BRIGHTNESS

IP65 RATED

ALL-IN-ONE CABLE

IP65 Touch Monitor with All-In-One cable

Suitable for outdoor or industrial applications. High brightness and extended voltage range.
Currently being used in mining trucks in Australia, in production facilities in Germany, and in medical applications throughout Europe.

Resistive Touch PC

Case Size (L x W x H) cm

7″ Touch PC	18.60 x 12.80 x 4.05		15″ Touch PC	36.80 x 28.80 x 5.80
8″ Touch PC	21.60 x 18.30 x 5.70		19″ Touch PC	46.80 x 31.40 x 6.30
10″ Touch PC	25.90 x 20.60 x 5.35		17″ Touch PC	39.70 x 32.50 x 6.10
12.1″ Touch PC	30.40 x 21.40 x 5.10			

CUSTOMIZATION AVAILABLE UPON REQUEST

i5 and i7 Mainboards available

Capacitive Open-frame Panel mount Different Colors Available

Key features:

• 5-Wire Resistive Touch
• Fanless operation - no moving parts
• Intel® Celeron N2807 DualCore processor
• Intel® HD Graphics
• 2 GB RAM (max. 4GB); 64GB SSD
• 32bit and 64 bit support
• Pre-installed Linux Ubuntu

17″ Resistive Touch PC
stand shown is sold separately

FANLESS

8″ IP65 High Brightness Touch Monitor

Case size (cm) L x W x H	23.20 x 17.20 x 3.95
Display diagonal (inch/cm)	8/20.32
Display (cm)	16.20 x 12.20
Mounting	VESA 75
Net weight (kg)	1.50
Aspect ratio	4:3
Screen resolution	1024x768
Maximal screen resolution	1920x1080
Colors displayed	16.7M
Luminance (cd/m²)	1000+
Contrast	700:1
Typical reaction time Tr/Tf (ms)	6/14
Viewing angle horizont./vertic. (°)	150/150
Line voltage (V)	8-36
Power consumption (W)	12
Operating temperature (°C)	-25 to +75
Touch panel	4-wire resistive
Touch connectors	USB
Touch panel drivers	Windows, Linux, Mac, Android
Touch panel life expectancy	> 1 million in 1 location without failure
Surface hardness	3H

10.4″ IP65 High Brightness Touch Monitor

Case size (cm) L x W x H	26.22 x 20.94 x 4.25
Display diagonal (inch/cm)	10.4/26.42
Display (cm)	21.12 x 15.84
Mounting	VESA 75
Net weight (kg)	1.80
Aspect ratio	4:3
Screen resolution	1024x768
Maximal screen resolution	1920x1080
Colors displayed	262K
Luminance (cd/m²)	1000+
Contrast	500:1
Typical reaction time Tr/Tf (ms)	2/6
Viewing angle horizont./vertic. (°)	150/130
Line voltage (V)	8-36
Power consumption (W)	18
Operating temperature (°C)	-25 to +75
Touch panel	5-wire resistive
Touch connectors	USB
Touch panel drivers	Windows, Linux, Mac, Android
Touch panel life expectancy	> 10 million in 1 location without failure
Surface hardness	3H

12.1″ IP65 High Brightness Touch Monitor

Case size (cm) L x W x H	30.60 x 24.40 x 4.15
Display diagonal (inch/cm)	12.1/30.73
Display (cm)	24.60 x 18.40
Mounting	VESA 75
Net weight (kg)	2.60
Aspect ratio	4:3
Screen resolution	1024x768
Maximal screen resolution	1920x1080
Colors displayed	16.7M
Luminance (cd/m²)	1000+
Contrast	700:1
Typical reaction time Tr/Tf (ms)	25/10
Viewing angle horizont./vertic. (°)	160/160
Line voltage (V)	8-36
Power consumption (W)	20
Operating temperature (°C)	-25 to +75
Touch panel	5-wire resistive
Touch connectors	USB
Touch panel drivers	Windows, Linux, Mac, Android
Touch panel life expectancy	> 10 million in 1 location without failure
Surface hardness	3H

15″ IP65 High Brightness Touch Monitor

Case size (cm) L x W x H	37.50 x 28.70 x 4.55
Display diagonal (inch/cm)	15/38.10
Display (cm)	30.40 x 22.80
Mounting	VESA 100
Net weight (kg)	3.40
Aspect ratio	4:3
Screen resolution	1024x768
Maximal screen resolution	1920x1200
Colors displayed	16.7M
Luminance (cd/m²)	1000+
Contrast	700:1
Typical reaction time Tr/Tf (ms)	8/12
Viewing angle horizont./vertic. (°)	160/160
Line voltage (V)	8-36
Power consumption (W)	24
Operating temperature (°C)	-25 to +75
Touch panel	5-wire resistive
Touch connectors	USB
Touch panel drivers	Windows, Linux, Mac, Android
Touch panel life expectancy	> 10 million in 1 location without failure
Surface hardness	3H

HIGH BRIGHTNESS   IP65   VGA   HDMI   EXTENDED 8 - 36 V VOLTAGE   +60°C / -10°C

Key features:

• DualCore 1GHz processor
• 1GB RAM; 8GB NAND Flash
• Full HD on LVDS, VGA, HDMI
• Industrial and consumer connectors
• Android or Linux OS
• Multi OS Touch support
• Cost effective

Resistive Touch PC Series

Through its fanless silent operation, lack of moving parts and sturdy design faytech's Touch PCs has the reliability needed to be separated from standard PC systems.

The new version is equipped with brand new fay002 industrial mainboard, equipped with a strong Intel® Celeron DualCore CPU, Intel® HD graphics, 2G RAM and 64Gbyte SSD the system offers 32 bit/64bit Linux/Microsoft OS (Win7/Win8/Win10) support.

Using reliable 5-wire resistive touch panels and combine them with faytech´s even subpixel free A+ LCD panels, it is faytech´s cost effective but reliable solution for long term operation in present demanding manufacturing, commercial, and retail environments.

FANLESS   DP   W-LAN   SUPERSPEED CERTIFIED USB   USB UNIVERSAL SERIAL BUS   +60°C / -10°C

Capacitive Touch PC Series

faytech's Capacitive Touch PC with its silent fanless operation, reliability, and fine craftsmanship, stands out from the competition.

The Touch PC features a sleek modern appearance. Flat edge to edge glass with a patented silicone rubberized seal ensures the front panel is waterproof and dustproof meeting the requirements of IP65 standards. On the back, a sturdy aluminum case manufactured out of a continuous casting mold with stable VESA-100 fixation bolts offers numerous industrial and consumer connectors like four serial ports, eight GPIOs or USB 3.0.

The heart of the Touch PC is faytech's industrial fay002 mainboard with the powerful but fanlessly cooled Intel® Celeron J1900 QuadCore processor with up to 2.42GHz Core speed, equipped with 4GByte RAM, 64G SSD and Intel's HD Graphic chipset, supporting FullHD, DirectX 11.1 and OpenGL 4.0.

Key features:

- Edge-to-edge glass IP65 rated front
- 10-finger multitouch touch panel
- Intel® Celeron J1900 CPU, Intel HD Graphics
- 4GB RAM (expandable to 8GB)
- 64GByte SSD included
- 32Bit and 64Bit support, Linux and Win 7/Win 8/Win10 support
- Pre-installed Linux Ubuntu OS
- Consumer and industrial interfaces
- Integrated Wi-Fi (Intel 533AN), 2×10/100/1000 Mbps network ports
- Audio amplifier with 2x2w speakers
- VESA 100 bracket for mounting, metal stand included
- Customization available upon request

POS system

Digital signage

Machine control system

Navigation control system

10.1'' Capacitive Touch PC

faytech's IP65 Touch PC series

faytech's IP65 Touch PC series is a real globetrotter. They are used in a wide range of fields, e.g. car-washing center (capacitive model), Brazilian police vehicles (vandalism-resistance), Austrilian outdoor POS (high brightness) and many other fields all over the world. With completely sealed housing and connectors, faytech' IP65 Touch PCs series alway is your best option for reliable operation in harsh environments.

21.5″ - 42″ IP65 Touch PCs and Touch Monitors are available.

- Outdoor suitable: with 1000+ nits brightness
- Connectors: all IP65 connectors completely customizable
- Touch: Resistive or Capacitive
- Optional: optical bonding, vandalism resistance
- The perfect model for outdoor usage, car washes, harsh environments, oil rigs, etc.
- 10.4'' high brightness IP65 Touch PC is now used inpolice cars in Brazil with flat buttons on the front for adjusting brightness

15″ Capacitive IP65 Touch PC

	10.4″ IP65 High Brightness Touch PC	15″ IP65 High Brightness Touch PC	15″ IP65 Cap High Brightness Touch PC
Touch panel:	5-wire resistive	5-wire resistive	capacitive
Aspect ratio:	4:3	4:3	4:3
Brightness (cd/m²)	1000+	1000+	1000+
Contrast:	500:1	700:1	700:1
Visual angle horizont./ vert. (°)	140/120	160/160	160/160
Physical resolution:	1024x768	1024x768	1024x768
Touch connector:	USB	USB	USB
Touch panel drivers:	Windows, Linux, Mac	Windows, Linux, Mac	Windows, Linux, Mac
Touch life (contacts):	>35 000 000	Unlimited	Unlimited
Response time touch panel (ms):	<10	<10	<10
Surface hardness:	3H	3H	3H
Input force (g):	20~150	-	-
Mounting:	VESA 100	VESA 100	VESA 100

Embedded Touch PC Series

Available in two standard versions with just W-LAN or with W-LAN, Bluetooth 4.0 and integrated GPS, and OTG-port. They are faytech's different cost effective yet powerful solutions for various clients. On top of that, we even have WinCE-BSPs for project partners.

Powered by Embedded A20 Mainboard of high performance/cost ratio or more powerful Embedded V40 Mainboard, faytech's Embedded Touch PCs are the best solutions to industrial automation, device control and digital signage. A powerful Allwinner A20 DualCore or V40 QuadCore CPU, Mali400MP2 graphics chipset, various connectors, e.g. USB, serial, network, TTL/UART, Mini-PCIe, HDMI, VGA, GPIO, LVDS and extended DC-in, all that makes the Embedded series perfect choice for reliable solutions.

The Embedded PCs are equipped with 1G DDR3 RAM, 8G flash memory and includes a SATA connector as well as SD card slot for further storage expansion. As for network connection, the device is already integrated with Wifi, over Mini PCIe the device can be upgraded to 3G+GPS using the existing SIM card slot. The touch features capacitive 10-finger multitouch panels, Anti-glare chemical etched treatment and optionally bonded to the LED backlighting panels, backed by faytech's warranty for pixel accuracy (A + quality).

The design of the Embedded Touch PCs follows the application: flat easy to integrate IP65 front and stable rear housing with VESA100 mounting for fixing / integration.

faytech's new Embedded Touch PC Series is our most cost-effective solution for intelligent machine control, and like all faytech's reliable touch devices built for precision and durability.

13.3″ Embedded Touch PC

Key features:

• Allwinner® A20 Cortex™ DualCore Processor
• 1 GB DDR3 RAM; 8 GB NAND FLASH
• Cortex™ A7 Chipset
• Full HD Resolution – 1920 x 1080
• Android 4.2, 4.4 & Linux Support, WinCE optional
• Optional Bluetooth & GPS
• Integrated HI-FI 100dB Audio Codec, 2x 6W amplifier

LARGE SIZE CAPACITIVE TOUCH MONITORS

faytech's large size Capacitive Touch Monitors are the right choice for industrial and business application. The sturdy metal case will not only protect the monitor from possible harm, but also perfectly fits in any high-class POS environment. The capacitive 10-finger (40-finger for 84″ device) multitouch panel brings an incredible using experience, easy to use, just like a smartphone but with a large screen. Each model in the series is built for reliability and extended service. An industrial HD-LCD panel with energy-efficient LED technology, A+ quality, wide viewing angle and multitouch panel, which in combination creates a perfect interactive solution for digital signage, way-finding, classrooms, shopping malls, supermarkets, hotels, arenas, fashion shows, industrial automation and many other uses.

Available in 32″, 42″, 55″ and 84″ sizes. With all standard connectors equipped like HDMI, DVI, VGA, USB, 24V DC-IN and all actual operation systems supported, these hi-tech displays work reliable and right away by an easy installation.

faytech´s Large Size Touch Monitors are also available with faytech´s embedded mainbord, faytech´s fay002 industrial PC mainboard (J1900 QuadCore processor) or with a stronger Intel i5-5200u processor, with higher brightness up to 2500 Nits and as waterproof IP65 solution.

84″ Capacitive Touch Monitor

Key features:

• FullHD Industrial LCD-panel with baclight LED, A+ quality
• capacitive 10-finger multitouch, 40-finger for 84"
• external UL certified ACDC power supply

Large Size Touch PC

With its sleek appearance, faytech's Large Size Capacitive Touch PCs perfectly fit in various occasions. Available in 32″, 42″, and 55″, every model is built for reliability and extended service. An industrial HD LCD panel with energy-efficient LED technology, A+ quality, wide viewing angle and multi touch panel, which in combination creates a perfect interactive solution for digital signage, way-finding, classrooms, dealers, supermarkets, hotels, arenas, fashion shows, industrial automation and many other uses.

The PCs are powered by fay002 industrial mainboard with Intel® QuadCore CPU and Intel® HD Graphics chipset. With a reliable industrial SSD, preinstalled with Linux Ubuntu OS, integrated WI-Fi, built-in speakers, network, audio and video interfaces, USB and serial connectors and a variety of other features, these hi-tech devices are complete packages ready to be used.

For customization, faytech's large size Touch PCs are also available with faytech's embedded mainboard, or with powerful fanless Intel® i5-5200u CPU. faytech also provides brightness enhancement up to 2500 Nits and IP65 solutions.

i5-5200U FAY003
mainboard available

42″ Capacitive Touch PC

Key features:

• FullHD Industrial LCD-panel
• Capacitive 10-finger multi-touch
• Intel® Celeron J1900 QuadCore processor
• Fanless operation – no moving parts
• Complete out of the box working X86 architecture
• 4G RAM, 64G SSD
• Windows 7/8/10 support
• 32bit and 64 bit support
• Integrated WiFi
• Built-in speakers

FANLESS · W-LAN · SUPERSPEED CERTIFIED USB · USB UNIVERSAL SERIAL BUS · +60°C / -10°C

Touch PC Kiosks

Available in 21.5″, 32″, 42″ and 55″ sizes, faytech's Touch PC Kiosks are manufactured to feature Full HD industrial 24/7 LCD panels for continuous use with energy-efficient LED backlight technology. All models come with 10-finger multitouch capacitive touch panels and stylish appearance.

Each kiosk has an extra wide viewing angle, powered by fay002 mainboard with its powerful Quadcore Celeron™ CPU.

faytech's industrial grade 64G SSD with Linux OS (drivers for Win 7, 8 and 10 available), W-LAN and various PC ports provide a complete and reliable solution that can be used out of the box.

faytech's Touch PC Kiosks are the perfect choice for conference rooms, digital signage, classrooms, traders, transit stations, way-finding, media presentations, trade shows, and many other applications.

The series offers a wide range of customizable features, e.g. more powerful fay003 mainboard, webcam, printer, RFID, NFC, flyer-holder, different colors etc.

Out of the box running with OS preinstalled

Multi-touch

Ultra slim design

x86 or embedded solution

Windows, Linux, Android version available

FANLESS · W-LAN · SUPERSPEED CERTIFIED USB · USB UNIVERSAL SERIAL BUS · +60°C / -10°C

Project Customization

We can custom design, prototype and produce any touch device for your project. Utilizing our broad manufacturing capabilities, experienced engineering team and extensive portfolio of completed projects around the world. We are able to offer customized services for small or large sizes.

Our business is ready to produce touch monitors, embedded systems, touch PCs and HDK's according to your specifications. We can offer our standard Resistive and Capacitive touch technologies. High MTBF times of 50,000 hours can be arranged as well as high degrees of protection. Vandalism-resistant devices, printers, smart card readers, GPS, GSM, UMTS, cameras and other peripherals can be integrated.

55″ Double-side Touch Kiosk

One of the most amazing projects faytech developed in 2016 – the 55" Double side Touch Kiosk specifically designed and manufactured for outdoor application.

Reaching IP65 protection standards, which makes the device resistant to rain and dust, which are common threats for outdoor applications.

In terms of visiblity, High Brightness and Optical Bonding are adopted to make sure the display presents best performance in the direct sunlight.

The 55" Double-side Touch Kiosk is consist of two single-side Touch Kiosks. Both single-sided Touch Kiosks can be mounted and used seperately. If needed, they can be easily assembled back-to-back to form a Double-side Touch Kiosk.

Other than the webcam, there are various peripherals can be integrated based on purpose, e.g. printer, scanner, RFID card reader, GPS, and etc.

Key features:

• IP65 Protection
• Optical Bonding
• High Brightness
• Webcam Integrated
• Fay002 or Embedded V40 Mainboard Available
• Various Sizes Available
• Various peripherals Available

Public Authorities Project

Details of the project include:

• 8″ TM with printer, webcam, scanner, special function button and telephone installed in the front of the car IPC in the trunk of the car, connected by All-In-One cable
• 3-year guarantee
• 20 hrs usage daily
• Harsh environment (Bumpy roads with lots of vibration, high temperature, high brightness)
• All-In-One-Integration design, high quality finish

8″ IP65 Touch PC

Based on faytech standard 8″ Touchscreen Monitor model:

• Integrate small scanner
• Integrate small thermo printer
• Integrate webcam
• Install telephone via Mic-In / Ear-Out as R11-connection
• Option via USB: small keyboard / mouse, vandalism secure
• Enhanced brightness min. 400Nits
• Aluminum case (CNC cut) with On / Off button plus three special PC-function keys for the 8″ TM
• On / Off buttom for shutting-down the IPC
• All-In-One cable, connected to IPC

Developed exclusively for Public Authorities Project

Capacitive touch

Flat IP65 front

Industrial PC

Based on faytech standard industrial PC model:

• Via network connected to balanced 3G model
• Enhanced DC-IN with screwable power-plug
• All-In-One cable supporting 8″ TM with power and all necessary signals
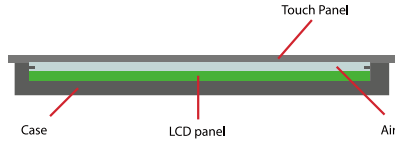
Why optical bonding?

Better Display Quality.

• Less reflection – Comparing to air bonding, optical bonding reduces reflection up to 65%
• Enhancement in perceived LCD brightness – up to 10%
• Resistant to condensation and dust particles – no air gap between touch panel and LCD display
• Improve ruggedness of the device by creating a solid connection between touch panel and LCD display
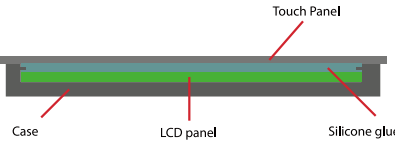
Why silicone glue?

Better Performance comparing to acrylic.

• Better curing – comparing to acrylic, silicone glue cures more evenly
• Less contraction – during curing procedure, acrylic causes 4% contraction, whereas silicone glue only causes < 1% contraction. This results in less internal stress for the device
• Better control over hardness – silicone glue allows wider range of surface hardness in order to comply with customer requests
• No yellowing – acrylic yellows over time, but silicone glue hardly yellows

Touch Panel

Case   LCD panel   Air

Air Bonding

Touch Panel

Case   LCD panel   Silicone glue

Optical Bonding

84″ Capacitive Touch Monitor (Optically-Bonded)

Why faytech?

The only service provider in large size optical bonding.

The difficulty of optical bonding on large sizes significantly increases compared to small sizes. Whereas many optical bonding service providers abandon this niche, we at faytech intent to master this area. faytech overcame several technical difficulties with the collaboration of German and Chinese engineers. With its perfect performance and stable quality, by the year of 2018, faytech will become the largest service provider for large size optical bonding.

Apart from faytech's advantages in the technicality, we make sure to provide attractive prices and products of excellent performance. With these two factors at faytech, we make sure to be the best option for projects that require optically bonded touchscreens, either large or small.