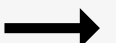**faytech**, *nice touch.*

YOUR
TOUCH-DEVICE
SPECIALIST

2022 CATALOGUE

→

Who we are

With strong Research & Development teams in both Germany and China, faytech has the abilitiy to innovate. We make sure the products we develop are always at the technical forefront.

In addition to the SGS guided ISO 9001:2015 certification of both our production plants in China, faytech 's products have certifications which also comply with quality control anywhere on the globe.

The faytech quality

OUR EXPERTISE

INDUSTRIAL, ATM/POS, AUTOMATION, MEDICAL, MACHINE CONTROL, BUILDING AUTOMATION, DIGITAL SIGNAGE, TRANSPORTATION.

✓ All products have CE, FCC and RoHS certifications before included in our portfolio.

✓ faytech's quality department complies with IATF 16949.

✓ Some products also comply with special directives, such as E-Mark and EN 60601-1 Medical certificates.
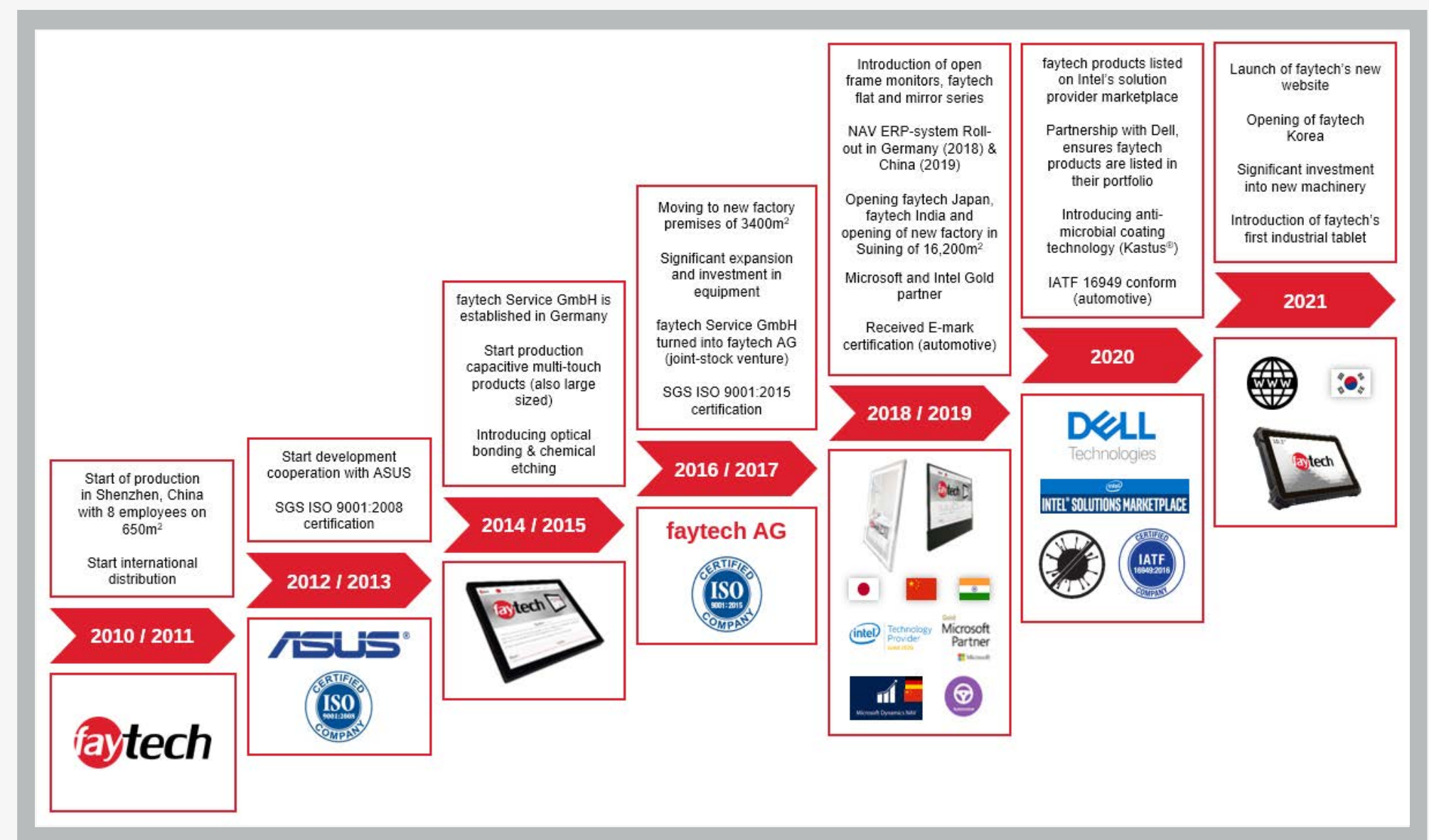
History

12+ years production in Shenzhen

faytech has its roots 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 AG started to import touch displays in Germany. Within three years, the German corporation became the leading touch device supplier in Germany in this niche.

In **2009**, the management team moved to Shenzhen to start its own production facility in China and right after, faytech Tech. Co., Ltd. was founded.

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 AG.
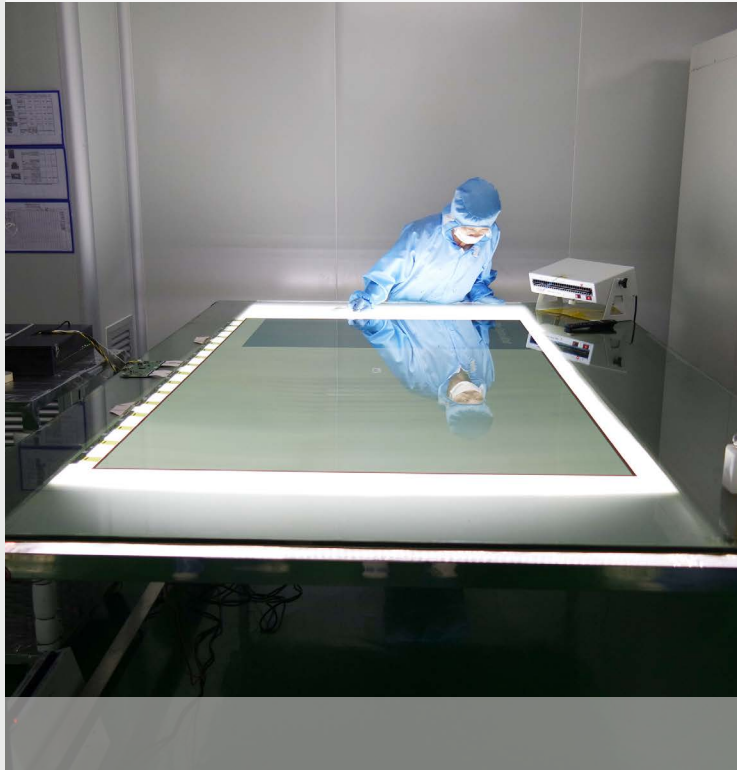
Start of production in Shenzhen, China with 8 employees on 650m²

Start international distribution

2010 / 2011

Start development cooperation with ASUS

SGS ISO 9001:2008 certification

2012 / 2013

faytech Service GmbH is established in Germany

Start production capacitive multi-touch products (also large sized)

Introducing optical bonding & chemical etching

2014 / 2015

Moving to new factory premises of 3400m²

Significant expansion and investment in equipment

faytech Service GmbH turned into faytech AG (joint-stock venture)

SGS ISO 9001:2015 certification

2016 / 2017

faytech AG

Introduction of open frame monitors, faytech flat and mirror series

NAV ERP-system Roll-out in Germany (2018) & China (2019)

Opening faytech Japan, faytech India and opening of new factory in Suining of 16,200m²

Microsoft and Intel Gold partner

Received E-mark certification (automotive)

2018 / 2019

faytech products listed on Intel's solution provider marketplace

Partnership with Dell, ensures faytech products are listed in their portfolio

Introducing anti-microbial coating technology (Kastus®)

IATF 16949 conform (automotive)

2020

Launch of faytech's new website

Opening of faytech Korea

Significant investment into new machinery

Introduction of faytech's first industrial tablet

2021

CORE COMPETENCIES

TOUCH-TECHNOLOGY

Capacitive & Resistive Touch technology.

R&D teams in Germany and China further develop the touch technology to enhance the user-experience.

OPTICAL BONDING EXPERTISE

In-house class 100, 1,000 and 10,000 cleanrooms.

Production of own Optical Bonding formula (CLEAR-BOND) with the best properties available to date.

CUSTOM-MADE PROJECTS

Flexibility and adapted solutions.

Being in control of all value chain allows us to tailor the projects on your needs. All customization options are possible i.e. case design, connectors, coating, CPU or added peripherals.

RELIABLE QUALITY & PRICING

Two production plants in China.

The highest quality material & reasonable pricing for cell design, assembly, backlight design, cover glass production, touch sensor lamination, mainboard design and optical bonding.

PRODUCTS PORTFOLIO

04

1 TOUCH MONITORS

Capacitive Touch Monitors, Open Frame Capacitive Touch Monitors and IP65 Touch Monitors with All-In-One Cable.

2 TOUCH PC

Capacitive / Embedded Touch PCs and Resistive Touch PC.
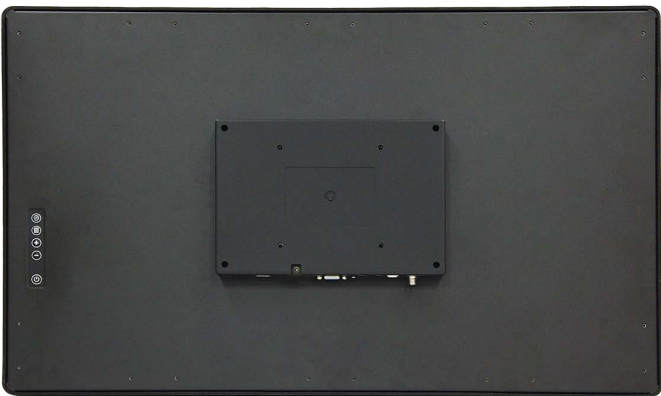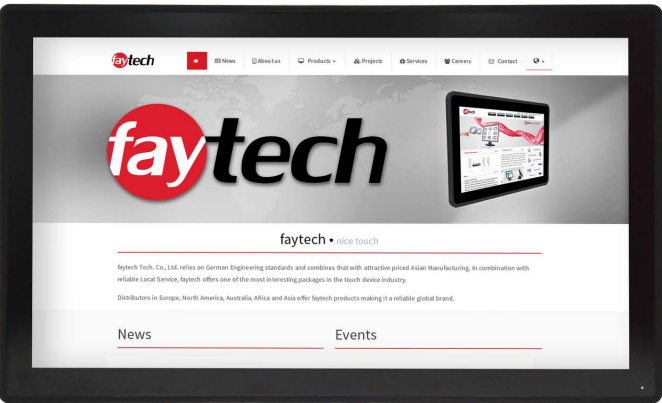
3 SPECIAL PRODUCTS

Digital Signage & Kiosk Solutions, Industrial Tablet, Hygienic Solutions, Interactive Mirror, faytech Flat and Easy Shopper.

1. TOUCH MONITORS

CAPACITIVE TOUCH MONITORS

Modern sleek look with flat edge to edge glass IP65 water and dust proof front panels. This device has capacitive 10-finger multi-touch, glass front reaching Mohs 7, the glass surface is anti-glare treated (chemical etching)and a wide variety of connectors. All the monitors have VESA 75 or VESA 100 screw patterns on the back, while the 12.1" to 27" come with their own desktop stand included.

The perfect choice for a wide variety of applications: POS systems, control panels in industrial fields, in kiosk systems, office/residence automation, digital signage or shopping malls, classrooms and hotels.

Available Sizes

Capacitive Touch Monitors	Case Sizes (L × W × H) mm	Model no.
7" Touch Monitor	195.6 × 137.6 × 38.7	FT07TMCAPOB
8" Touch Monitor	201.0 × 160.5 × 35.7	FT08TMCAPOB
10" Touch Monitor	244.9 × 195.8 × 39.0	FT10TMCAPOB
10.1" Touch Monitor	278.0 × 203.6 × 33.3	FT101TMCAPOB
12.1" Touch Monitor	301.0 × 246.0 × 42.5	FT121TMCAPOB
13.3" Touch Monitor	338.2 × 220.7 × 32.3	FT133TMCAPOB
15" Touch Monitor	359.0 × 291.0 × 45.0	FT15TMCAPOB
15.6" Touch Monitor	389.3 × 246.8 × 33.3	FT156TMCAPOB
17" Touch Monitor	393.0 × 333.0 × 44.0	FT17TMCAPOB
19" Touch Monitor	431.5 × 364.5 × 43.0	FT19TMCAPOB
21.5" Touch Monitor	532.0 × 331.0 × 46.0	FT215TMCAPOB
24" Touch Monitor	579.4 × 347.0 × 41.5	FT24TMCAPOB
27" Touch Monitor	663.0 × 405.0 × 46.0	FT27TMCAPOB
32" Touch Monitor	768.0 × 475.0 × 63.7	FT32TMBCAPOB
43" Touch Monitor	1031.0 × 619.5 × 65.7	FT43TMBCAPOB
55" Touch Monitor	1268.0 × 741.0 × 66.0	FT55TMBCAPOB

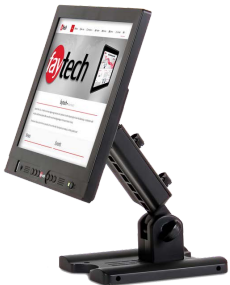CE   FC   CLEAR BOND   +60℃ / -10℃

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Connectors:
VGA, DP, HDMI, PC-Audio and USB-Touch

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

ALSO AVAILABLE:
RESISTIVE TOUCH MONITORS

Sizes for resistive:
Available in: 7", 8", 10", 15", 17" and 19"

1. TOUCH MONITORS

OPEN FRAME TOUCH MONITORS

The perfect choice for industrial and business applications

The capacitive 10-finger multi-touch panel brings an easy user experience for a wide range of applications. Each model in this series is built for reliable and extended service by using an A+ quality HD LCD panel with energy efficient LED technology. It is equipped with a wide range of standard connectors, such as HDMI, DVI, VGA, USB-Touch, serial and DC-In.

The perfect interactive solution for digital signage, classrooms, meeting rooms, industrial automation, shopping malls, hotels and many other areas.

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Key Features

- 1.1mm cover glass with 7H surface hardness
- Optically Bonded Touch Panel to LCD Panel
- Anti-glare surface treatment (chemical etching)
- 10-Finger-Multi Touch Capacitive Touch Panel
- A+ quality LED backlight panels with 100k hours lifetime
- 1000+ cd/m2 brightness
- Integrated audio speakers (2x2w)
- 2 year guarantee (24/7 operation)

Solid integration options:

Clamp Supports   Double-sided tape   SF50 glue

Available sizes

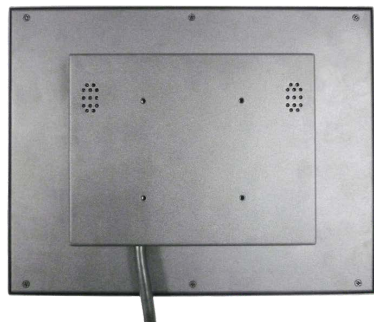| Capacitive Open Frame Touch Monitors	Case Sizes (L × W × H) mm	Model no.
7" Touch Monitor	210.0 × 144.5 × 43.0	FT07TMCAPOFHBOB
11.6" Touch Monitor	297.0 × 194.0 × 39.1	FT116TMCAPOFHBOB
15" Touch Monitor	362.0 × 286.0 × 49.4	FT15TMCAPOFHBOB
15.6" Touch Monitor	400.0 × 260.0 × 40.1	FT156HDKTMBHBCAPOB
21.5" Touch Monitor	527.9 × 328.0 × 51.1	FT215TMCAPOFHBOB
32" Touch Monitor	757.0 × 464.0 × 59.4	FT32TMCAPOFHBOB
43" Touch Monitor	1020.0 × 608.5 × 64.1	FT43HDKTMCAPHBOB
55" Touch Monitor	1285.0 × 770.0 × 101.6	FT55HDKTMCAPHBOB4K

2. TOUCH PC

CAPACITIVE / EMBEDDED TOUCH PC

08

The Capacitive PC series stands out with a fanless silent operation, IP65 front panel design, high reliability and fine craftwork.

Flat edge to edge glass with IP65 water- and dust proof front panels. The perfect choice for a wide variety of business and industrial applications: POS systems, control panels in industrial fields, kiosk systems, office/residence automation, digital signage.

Suitable for many areas i.e. shopping malls, classrooms, and hotels. Available in: 7" - 55".
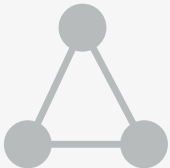

10" Capacitive Touch PC (i5-7300U)

Intel® Core™ i5-7300U CPU
- 8GB RAM memory
- 128GB.Industrial SSD
- Windows 10 or Linux Ubuntu

ARM V40 QuadCore CPU
- 1GB RAM memory
- 8GB FLASH storage
- Android 6 or Linux Ubuntu

Intel® Pentium® N4200 CPU
- 8GB RAM memory
- 128GB Industrial SSD
- Windows 10 or Linux Ubuntu

Key Features

- 1.1mm cover glass with 7H surface hardness
- Optically bonded Touch Panel to LCD Panel
- Anti-glare surface treatment (chemical etching)
- 10-Finger-Multi Touch Capacitive Touch Panel
- Patented IP65 front with silicon seal
- Integrated W-LAN
- 2 year guarantee (24/7 operation)

The heart of the Touchscreen PC is either faytech's industrial Apollo Lake, Kaby Lake U or the ARM V40 mainboard:

- Intel® Pentium® N4200 QuadCore processor, 2.50 GHz core
- Intel® Core™ i5-7300U DualCore Processor, 2.60 GHz core
- Allwinner® V40 Cortex™ A7 QuadCore Processor

Available Sizes

Capacitive Touch Pcs	Available CPUs				Model no.*
7" Touch PC	"		N4200	V40 "	FT07[CPU]CAPOB
8" Touch PC	"		N4200	"	FT08[CPU]CAPOB
10" Touch PC	" i5	N4200	V40 "		FT10[CPU]CAPOB
10.1" Touch PC	" i5	N4200	V40 "		FT101[CPU]CAPOB
12.1" Touch PC	"	N4200	"		FT121[CPU]CAPOB
13.3" Touch PC	" i5	N4200	V40 "		FT133[CPU]CAPOB
15" Touch PC	" i5	N4200	V40 "		FT15[CPU]CAPOB
15.6" Touch PC	" i5	N4200	V40 "		FT156[CPU]CAPOB
17" Touch PC	" i5	N4200	V40 "		FT17[CPU]CAPOB
19" Touch PC	" i5	N4200	V40 "		FT19[CPU]CAPOB
21.5" Touch PC	" i5	N4200	V40 "		FT215[CPU]CAPOB
24" Touch PC	" i5	N4200	V40 "		FT24[CPU]CAPOB
27" Touch PC	" i5	N4200	V40 "		FT27[CPU]CAPOB
32" Touch PC	" i5	N4200	V40 "		FT32[CPU]CAPOB

*[CPU], code info (remove brackets for correct model number [ ]):
[N4200]   =   Intel Pentium N4200 CPU
[I5]   =   Intel Core i5-7300U CPU
[V40]   =   ARM V40 QuadCore CPU

2.TOUCH PC

RESISTIVE TOUCH PCS

Silent, but robust - perfect for a wide range of applications

Fan-less silent operation and robust aluminum housing with stable VESA 100 fixation bolts. Powered by faytech's industrial Apollo Lake mainboard. Driven by the Intel® Celeron® N3350 DualCore processor with up to 2.40 GHz clock frequency.

This version is equipped with 4GByte RAM, 128G SSD and Intel's HD Graphic chipset, supporting Full HD, DirectX 11.1 and OpenGL 4.0.

For a wide variety of applications including POS systems, control panels in industrial fields, in kiosk systems, office/residence automation and digital signage. Suitable for many areas i.e. shopping malls, classrooms and hotels.

Key Features

- Intel® Celeron® N3350 DualCore CPU
- 4 GB RAM memory, 128GB Industrial SSD
- Supports Windows 10 & Linux Ubuntu
- Anti-glare front with 3H surface hardness
- 5-Wire Resistive touch technology
- High-quality black aluminum housing
- Standard and 3-Pin power connector (screwable)
- Integrated W-LAN
- 2 years guarantee (24/7 operation)

Available Sizes

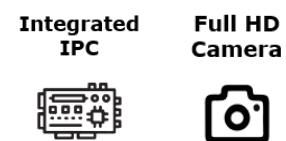| Resistive Touch PCs	Case Sizes (L × W × H) mm	Model no.
8" Touch PC	216.0 × 183.0 × 57.0	FT08N3350RES
10" Touch PC	259.0 × 206.0 × 53.5	FT10N3350RES
12.1" Touch PC	304.0 × 214.0 × 51.0	FT121N3350RES
15" Touch PC	368.0 × 288.0 × 58.4	FT15N3350RES
17" Touch PC	397.0 × 325.0 × 60.9	FT17N3350RES
19" Touch PC	468.0 × 314.0 × 62.9	FT19N3350RES

17" Resistive Touch PC (N3350)

DIGITAL SIGNAGE & KIOSK SOLUTIONS

Perfect for applications for Point of Sales (POS), information display or digital signage. Whether you wish to place it next to the brand new car in your store as information display, next to one of your highly promoted cosmetic products or at the entrance of your company building, this is the perfect solution for anyone who requires a slim, easy-to-operate and modern looking kiosk.

- Easy to operate Straight Out-of-the-Box
- Capacitive Multi-touch
- Ultra Slim Design
- Embedded Solution possible
- Peripherals available

CE FCC CLEAR BOND +60°C / -10°C

Optional:

Integrated IPC

Full HD Camera

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32", 43" and 55" Capacitive Touch Monitor Kiosks

Also available as:

43" Customer Stopper
- Rockchip RK3399 inside
- Android OS
- Without touch

10.1" Free-Standing Kiosk
- ARM V40 inside
- Android OS
- Capacitive Multi-Touch

3.SPECIAL PRODUCTS

INDUSTRIAL IP65 TABLET

faytech's 10.1" industrial (ruggedized) tablet is the perfect touch solution to be used as a hand-held device (or mounted pc) while performing tasks on the industrial floor or in rough environments. It is completely IP65 water- and dust proof, has a 10-finger capacitive multi touch panel and 24/7 antimicrobial coating by Kastus®, with a kill rate of >99% against surface bacteria, traditional viruses, and human coronavirus (3-in-1 protection)

Besides the mobile solution, the device can also be used as a permanently installed control panel. Windows 10 is pre-installed on the device (not activated).

Key Features

- Intel® Pentium® N4200 QuadCore CPU
- 6GB RAM memory, 128GB industrial SSD
- Pre-installed Windows 10 operating system (not activated)
- Rechargeable lithium battery, 7.4V/6000mAh (8.5+ hours operation)
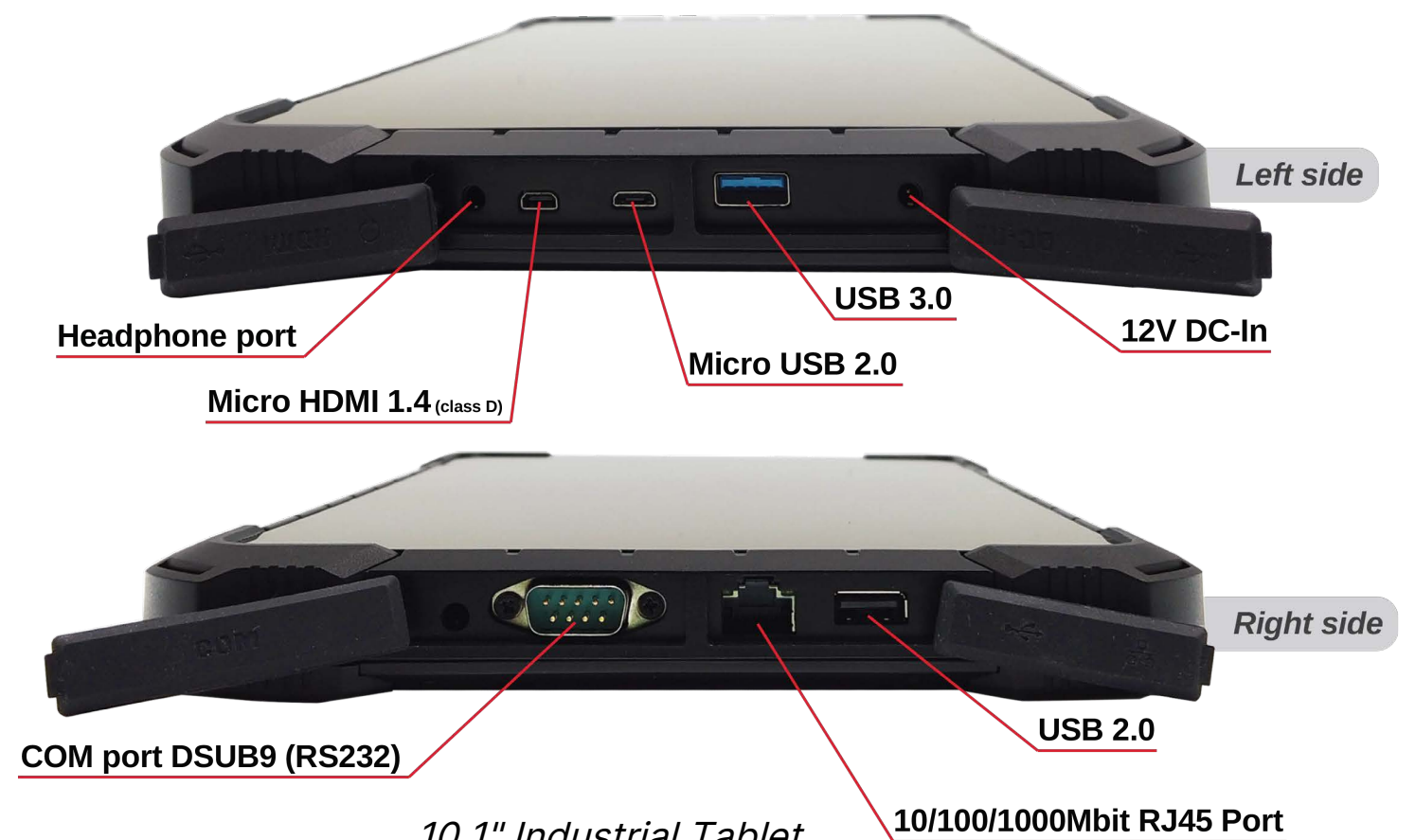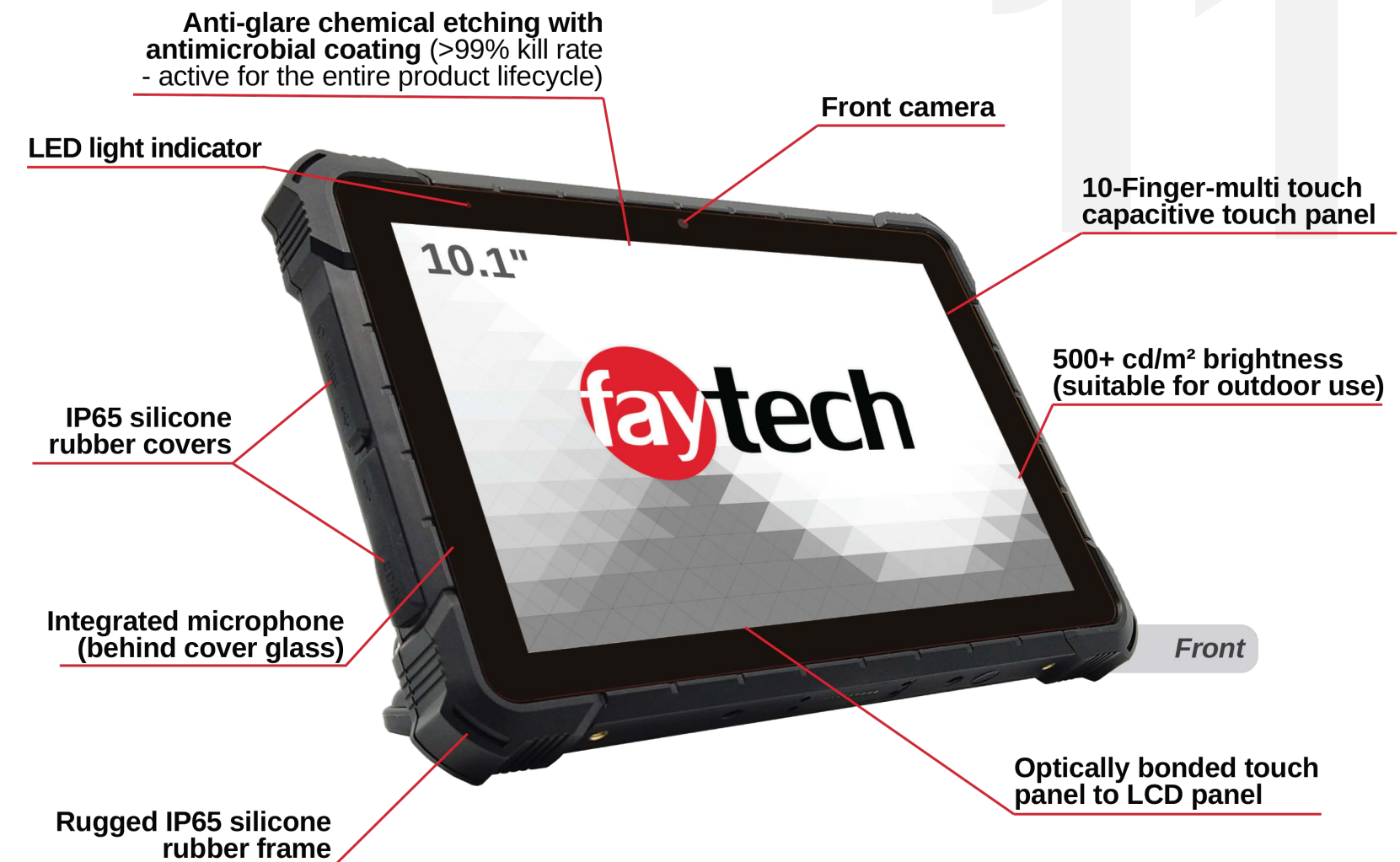
Available Accessories

Docking Station

VESA 75 back plate

Capacitive Touch Stylus

Hand Strap

Anti-glare chemical etching with antimicrobial coating (>99% kill rate - active for the entire product lifecycle)

Front camera

LED light indicator

10-Finger-multi touch capacitive touch panel

10.1"

IP65 silicone rubber covers

500+ cd/m² brightness (suitable for outdoor use)

Integrated microphone (behind cover glass)

Front

Optically bonded touch panel to LCD panel

Rugged IP65 silicone rubber frame

Left side

Headphone port

USB 3.0

12V DC-In

Micro HDMI 1.4 (class D)

Micro USB 2.0

Right side

COM port DSUB9 (RS232)

USB 2.0

10/100/1000Mbit RJ45 Port

10.1" Industrial Tablet

3.SPECIAL PRODUCTS

HYGIENIC SOLUTIONS

The hygienic solutions are perfect for retail areas, restaurants, hospitality and other service industries, as well as government agencies and institutions. The two solutions support in keeping both your organization and clients safe and healthy while allowing for your business to serve its critical functions.The software to operate the Peripherals is included!

In such an uncertain time, keeping your clients informed, engaged and sanitized has never been more important!

Antbacterial & Antiviral Coating available!

We can provide next-generation touchscreens with 24/7 germ-free protection coating technology from Kastus®! The coated surface permanently blocks >99% of all bacteria and viruses. Proven results against MRSA, E.coli,C. diff. and human Coronavirus.

Thermal Sensor

Full HD Camera

Hand Sanitizer

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10.1" Thermal Temperature Testing PC
- Intel® Celeron® N3350 or Rockchip RK3399
- Thermal Sensor
- Full HD Camera
- RFID Reader
- VESA Mounting

21.5" Digital Signage Sanitization Station
- Intel® Pentium® N4200 or Monitor version
- Thermal Sensor
- Full HD Camera
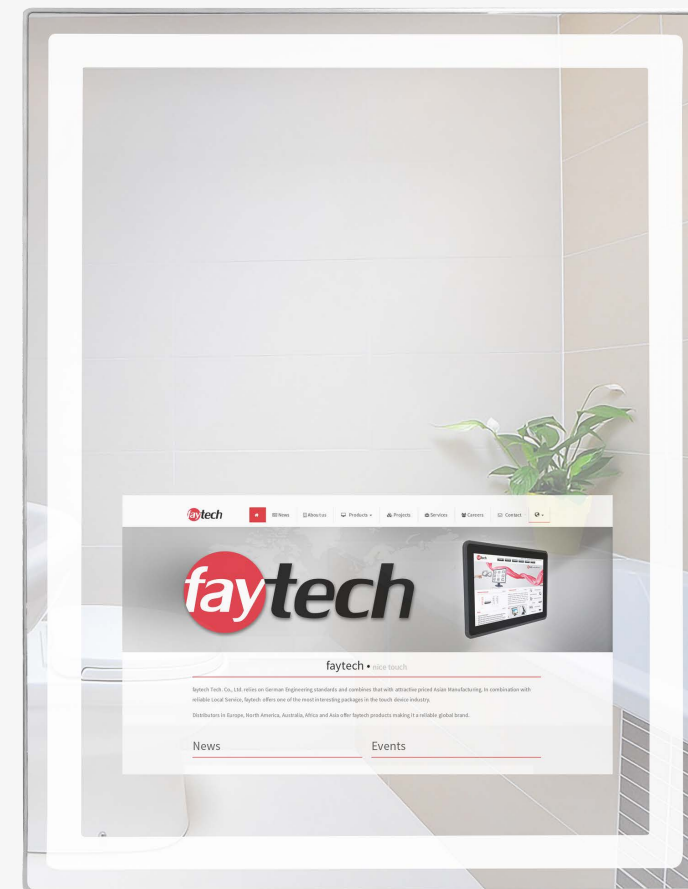- Hand Sanitizer
- Wallmount / Stand

INTERACTIVE MIRROR

Sleek Design and Smart Features

faytech's interactive mirrors are the perfect solution for public or private bathrooms, in hotels, shopping malls, airplanes or any other field that requires a smart mirror.

The device is powered by the powerful Embedded V40 mainboard with pre-installed Android system and software to control the whole mirror.

It can be easily connected to your smart device, e.g. smartphone, using Bluetooth 4.0 or WiFi. It can also be used as a standalone android device.

Interactive Mirror installed in bathroom

15.6" Interactive Mirror

Key Features

- Allwinner® V40 Cortex™ A7 QuadCore
- 1 GB DDR3 RAM & 8 GB EMMC FLASH
- Supports Android up to version 6.0
- Built-in Bluetooth 4.0 & W-LAN
- Optically bonded Touch Panel to LCD Panel
- 10-Finger-Multi Touch Capacitive Touch Panel
- Comprehensive IP65 protection
- Software to operate the interactive mirror

FAYTECH FLAT

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The perfect solution for activities that require an extra screen

This lightweight portable monitor, also known as faytech flat, is the perfect solution for people that require an extra screen while doing their day-to-day activities. Whether you connect it to your mobile phone, tablet or laptop, it is an easy and convenient way to extend (or duplicate) the screen of your smart device over USB Type-C or HDMI cable.

Included with the device is a flexible stand, USB Type-C cable (1m) and protection case.

Profile and Back of Faytech Flat

Key Features

- Full HD (1920 x 1080) LCD Panel
- Touch monitor for people on-the-go
- 10-Finger-Multi Touch Capacitive Touch Panel
- Optically bonded Touch Panel to LCD Panel
- Weight of around 400 grams
- Plug and play ready
- Compatible with Capacitive Touch Pen

12.5" faytech flat Touch Monitor

CLEAR BOND

1080p FULL HD

USB Type-C

EXTENDED 8 - 36V VOLTAGE

+60°C 0°C

EASY SHOPPER

The EASY Shopper is the perfect solution for supermarket automation or any other similar application. It gives customers, store managers and retailers a complete new experience to shopping!

The EASY Shopper is basically the 'All-in-One' tool for any large supermarket wishing to be one step ahead from their competitors.
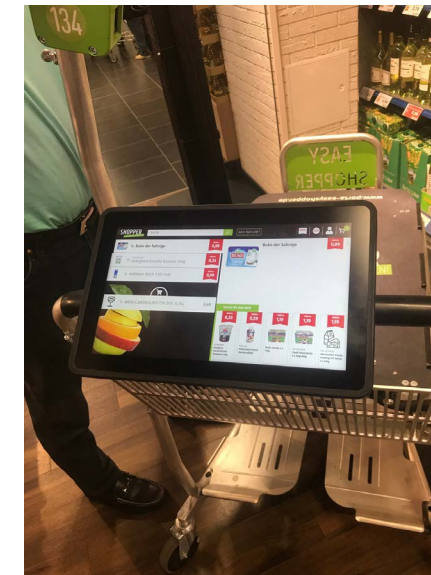
See Complete EASY Shopper Presentation here!

Benefits Store Managers

The most innovative in-store shopping solution
with sophisticated technology and high user acceptance rate.

- Reduces costs - fewer cashiers, more cashless payments and lower theft rate;
- Effective use of space - more space for promotions and enhancements;
- Customer focus - more time available to dedicate to customer service;
- Better day-to-day business - targeted promotions and improved price management.
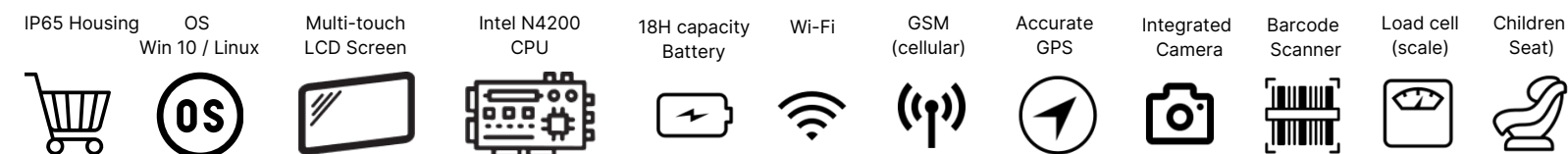
Benefits Clients

The smartest in-store shopping experience which enables customers to control the entire shopping process.

- Saves time - no need to queue or unbag items at cashier;
- Saves money - all special offers and discounts at a glance;
- It is convenient - search and navigate to specific products;
- It is effective - integrated and transferable shopping list.

ALSO AVAILABLE:
EASY SHOPPER LIGHT

- Cost-effective and easy to integrate
- Medium stores 1,000 m²+ (10k ft²)
- Attachable touch-screen
- Built-in barcode scanner

IP65 Housing	OS Win 10 / Linux	Multi-touch LCD Screen	Intel N4200 CPU	18H capacity Battery	Wi-Fi	GSM (cellular)	Accurate GPS	Integrated Camera	Barcode Scanner	Load cell (scale)	Children Seat)

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Customization / Optical Bonding
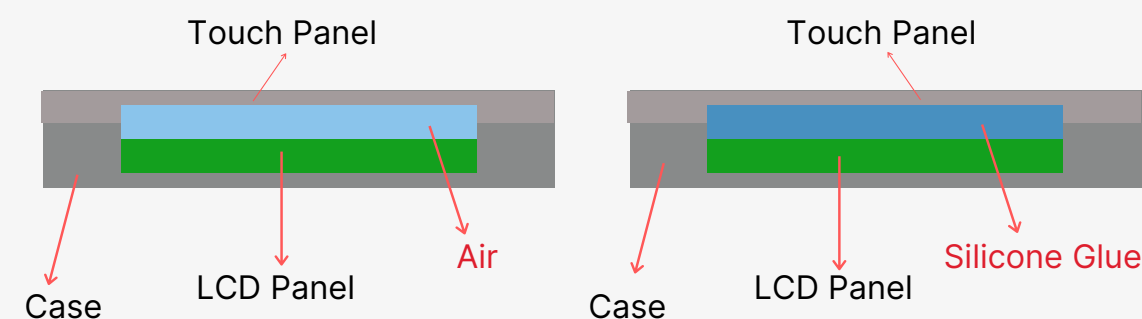
High performing technology - customizable

What is Optical Bonding?

Optical bonding is the process of filling up the airgap between the cover glass / touch panel and LCD to improve the visual and material features and with it the quality and value of the bonded device.

Why Optical Bonding?
- It reduces reflections by ca 65%;
- It enhances the perceived LCD brightness by up to 10%;
- No humidity or dust is able to enter between the touch panel and LCD cell;
- Additional resistance towards environmental forces onto the glass.

Air Bonding vs. Optical Bonding

Touch Panel

Air

Case   LCD Panel

Touch Panel

Silicone Glue

Case   LCD Panel

CLEAR BOND

Should you see this logo, you can be sure the device is optically bonded and meets the highest quality standards in the market!

Customization Options

Due to our broad manufacturing capabilities and experienced engineers, we can custom-design and produce any touch device for your project:

- RFID, fingerprint or laser scanner;
- Integrated camera;
- Customized buttons;
- Customized connectors;
- Different mounting options;
- Anti-Microbial coating options;
- Bluetooth, 3G, 4G and Wi-Fi;
- Pick your own faytech mainboard;
- Other added peripheral possibilities;
- Complete IP65 water- & dustproof.

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Clients

We are happy and grateful for all our collaborations around the world.

BECHTLE

BOSCH

Cash America

Continental
The Future in Motion

DELL Technologies

EDEKA

KOMATSU

intel Technology Provider Gold 2020

MESO

Gold
Microsoft Partner
Microsoft

NEC

TESAT SPACECOM

Contact

faytech relies on German Engineering standards combined Asian manufacturing at attractive prices. Adding the reliable local service, faytech offers one of the most interesting packages in the touch-device industry.

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South-Korea: +82 10 3479 1815 (English, Korean)

Catalogue concept and design: Luiza Maria Maniera