Manuals+ — User Manuals Simplified.

faytech Capacitive Touch PC User Guide

faytech Capacitive Touch PC

Contents

Specification
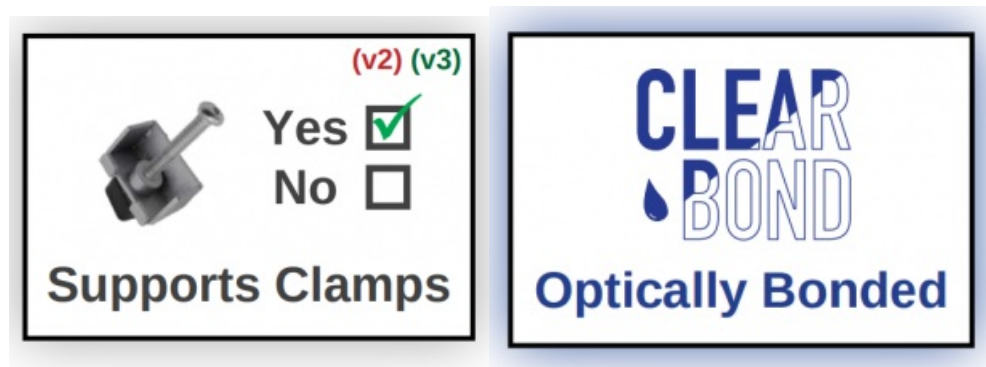
- Intel® Core™ i5-7300U CPU

- 8GB RAM memory, 128GB Industrial SSD

- Supports Windows 10 & Linux (32Bit, 64Bit)

- Anti-glare surface treatment (chemical etching)

- 10-Finger-Multi Touch Capacitive Touch Panel

- 1.1mm cover glass with 7H surface hardness

- Optically bonded Touch Panel to LCD Panel

- Patented IP65 front with silicon seal

- Integrated W-LAN

- 2 year guarantee (24/7 usage)

- ***Optional: i3-7100U / i7-7600U Core CPU***

faytech's Capacitive PC series stands out among competition with its fanless silent operation, IP65 front panel design, high reliability and fine craftwork.

This device is made for 24/7 operation and is the perfect choice for industrial and business applications. It has flat edge to edge glass with IP65 water- and dust proof front panels and a sturdy aluminum case with stable VESA 100 fixation bolts.

The PC is powered by the high-end Kaby Lake U industrial mainboard. It has an Intel® Core™ i5-7300U processor with 2.60 GHz, 8GB RAM, a 128GB SSD and Intel® 's HD graphics Chipset.

These faytech PCs are the perfect choice for a wide variety of applications including POS systems, control panels in industrial fields, in kiosk systems, office/residence automation, digital signage and in areas like shopping malls, classrooms, hotels and many more.

Legend / Notes	
Applicable to version 1	(v1)
Applicable to version 2	(v2)
Applicable to version 3	(v3)
Applicable to all Versions	None

Product name				15.6″ Capacitive Touch PC i5-7300U			
Model number / EAN number				FT156I5CAPOB / 6920734011568			
Global Article Code	European Article Code	Release date (D/M/Y)	Version	Global Article Code	European Article Code	Release date (D/M/Y)	Version
3030502965	1010501658	03/12/2019	v1				
3030504414	1010501885	29/04/2020	v2				
3030504502	1010501943	18/01/2021	v3				

IP Rating
IP65 Front / IP40 Back

LCD Panel	
Screen diagonal (Inch/cm)	15.6/39.6
Display active screen size (cm)	34.42×19.36
Aspect ratio	16:9
Physical resolution	1920×1080
External Maximum showable resolution – HDMI, DP	1920×1200
Colours displayed	262K
Brightness (cd/m2)	250
Contrast	800:1
Typical reaction time Tr / Tf (ms)	15/15
Visual Angle horizontal / vertical (°)	170/170
Backlight / Backlight Lifetime (hours)	LED / min. 15,000

Operation / Mechanical	
Operating Temperature (°C)	-10 ~ +60
Humidity Range (RH)	10% – 90%
Net weight (kg)	4.40
Gross weight (kg)	6.30 (incl. cartonage)
Housing material	Rubber frame, Aluminum IPC back case
Housing (mm) L × W × H	389.3 × 246.8 × 59.3
Cut-out for clamp supports (mm) L × H	371.0 × 218.0 (v2) (v3)
Max. wall thickness for clamp supports (mm)	5.0 (v2) (v3)
Amount of clamps required	4 (v2) (v3)
Mounting	VESA 100

Internal Connectors (occupied)		
1x SO-DIMM, max. 16 GB, DDR4 1866/2133 non-ECC, Single channel memory		
3x RS232/RS485 COM connectors switchable in BIOS		
2x LCD Backlight control/LCD panel voltage box		
1x 5V/12V SATA power connector	1x 12V DC power connector (2-pin)	
1x 4-pin SATA power connector	1x S/PDIF output pin header	
1x 8-bit Digital I/O interface	1x Line-out / Mic-in header	
1x Front Panel box header	1x Serial ATA 6Gb/s	
1x MIPI CSI connector	1x LVDS box header	2x USB 3.0 box header

| PC System	
CPU	Intel® Core™ i5-7300U Processor Kaby Lake
Graphic GPU	Intel® HD Graphics
Audio	Realtek ALC3236 Audio CODEC
Memory	8GB DDR4 non-ECC (max. 16GB)
Storage (switchable)	faytech Industrial 128GB SSD
Network	2x Realtek PCIe GB LAN 8111G (1000Mbps) M.2 E-key Wi-Fi module
Driver Support	Win10; Linux; 32Bit/64Bit
Preinstalled OS	Linux Ubuntu
Docking Station Concept	Exchangeable from LCD Panel front kit (mounted using screws)

Touch Panel	
Touch Technology	Projected Capacitive 10-Point Multitouch
Touch Connector	USB
Touch Life (Contacts)	Unlimited
Surface Hardness	7H
Surface Treatment	Anti-glare (chemical etching)
Glass Strengthening	Chemically Strengthened

Power	
Power Indicator	Green LED
Power Supply	100-240V ACDC active switching; 12V DC-Out
Working Power (V)	12
Power Consumption (W)	34
Stand-By Consumption (W)	<1

External Connectors	
1x 12V DC-In (screwable)	
1x W-LAN antenna connector (RP-SMA male)	
4x USB 3.0	1x DP
1x HDMI	1x MIC-In & EAR-Out
1x 8-PIN DIO as RJ45 (v1) (v2)	
1x 10-PIN DIO as RJ50 (v3)	
2x COM port Full-PIN – RS232/485; 5V/12V	
2x COM port 3-PIN – RX, TX, GND; RS232/485; 5V/12V	
2x 10/100/1000Mbit RJ45 Ports	
1x S/PDIF-Out (1x Cinch, 1x Torx module) (v1) (v2)	
1x 2.5″ module slot, changeable SSD included	

Expansion Slots
1x mSATA full size (occupied by SSD)
1x M.2 E-Key Slot (occupied by Wifi card)
1x SATA connector
1x External PCIe x1 Straddle connector

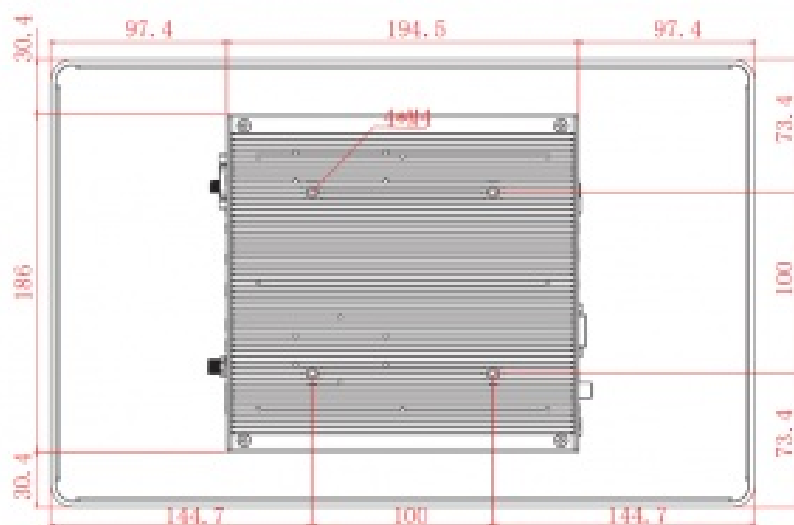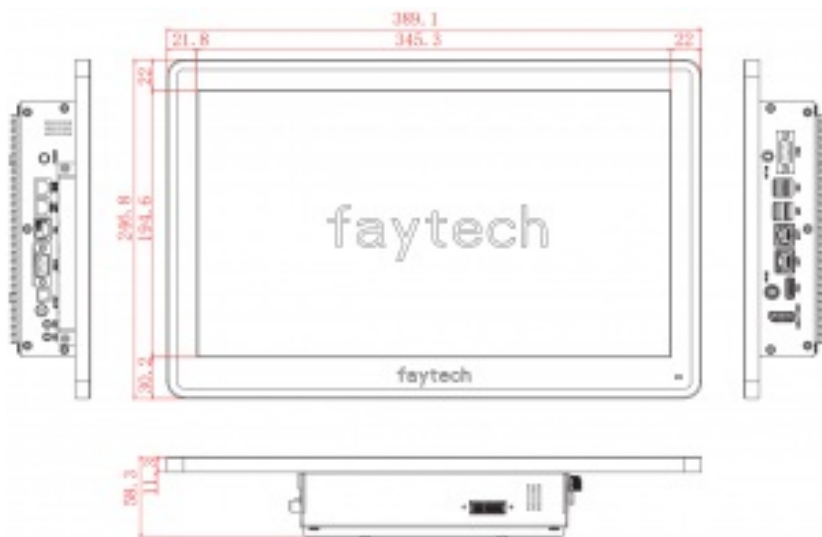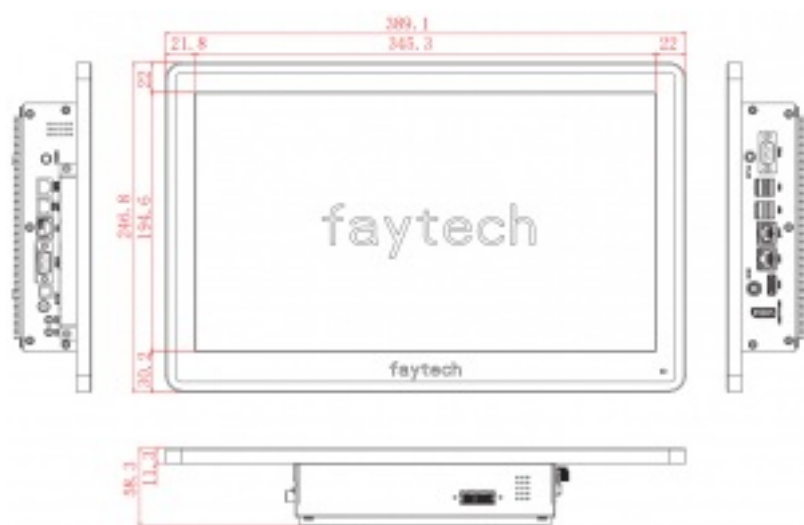| Included in the Delivery |
| --- |
| Power Supply (see Power section) |
| W-LAN antenna (RP-SMA female) |
| Short Installation Manual |
| Standard Stand |
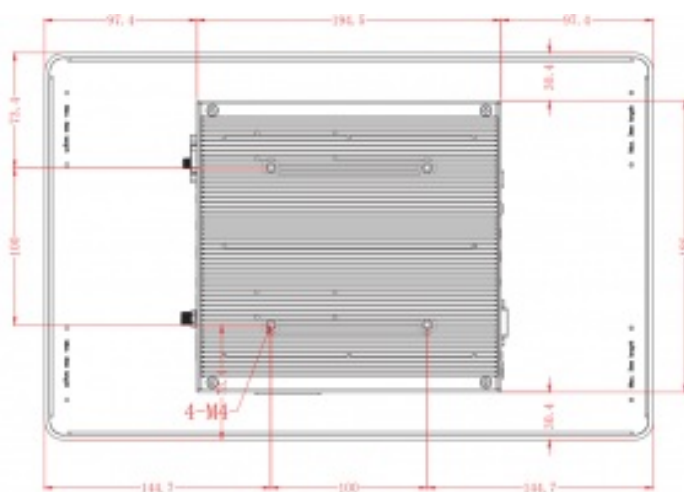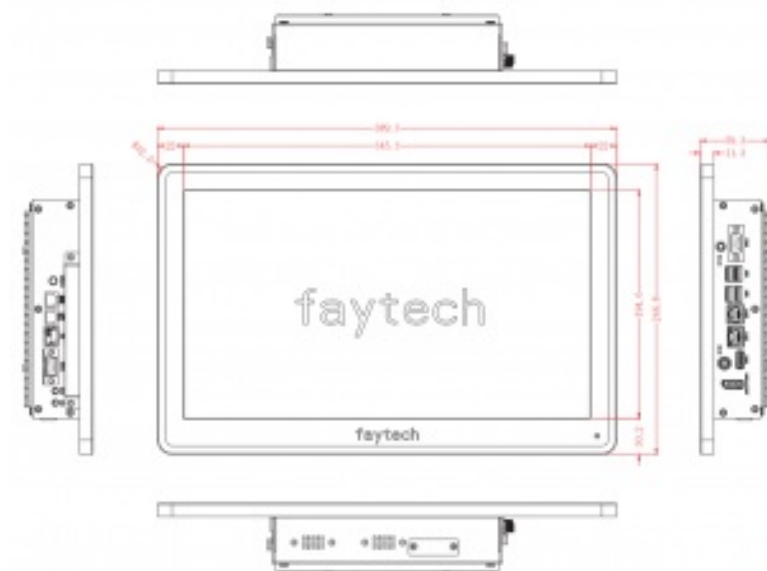
Tolerance: ± 1mm

Errata and technical modifications reserved

Update Notes
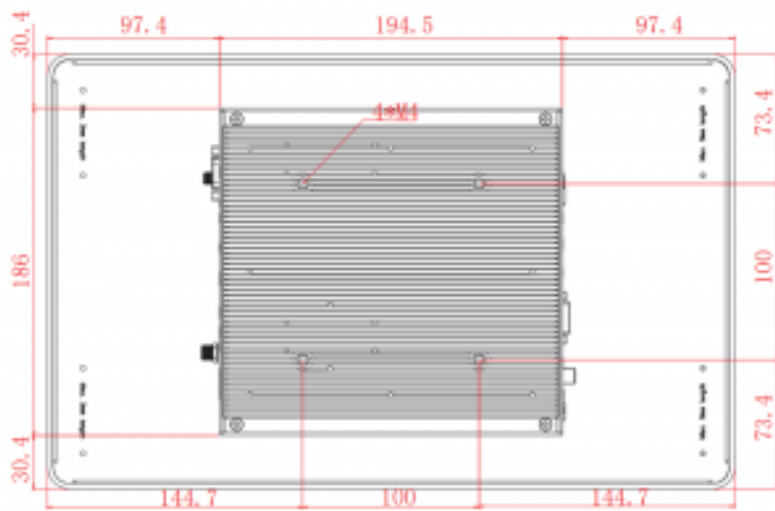
Version:	Changes:
V1	– First version

V2 – Added screwholes for the the clamp support mounting option

V3 – Update of internal wiring and components Removed the S/PDIF-Out (1x Cinch, 1x Torx module) Switched the 8-PIN DIO as RJ45 to 10-PIN DIO as RJ50

Corporate Headquarters

faytech AG
Bischhauser Aue 10 37213 Witzenhausen Germany

support@faytech.com
contact@faytech.com
www.faytech.com

China: +86 755 8958 0612
India: +91 11 49707436
Germany: +49 5542 30374 10
USA: +1 646 843 0877
Japan: +070 4127 5167

Documents / Resources

	faytech Capacitive Touch PC [pdf] User Guide Capacitive Touch PC, 7300u

References

- *ay* **Industrial touch panel pc | Touch Monitors and Pcs | faytech**