19" Capacitive Touch PC i5-7300u
FT19I5CAPOB

faytech

- **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*

Yes ☑
No ☐
Supports Clamps

CLEAR BOND
Optically Bonded
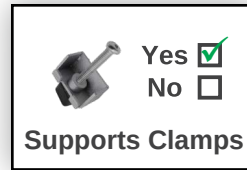
faytech's Capacitive PC series stands out among competition with its fanless silent operation, IP65 front panel design, high reliability and fine craftwork.
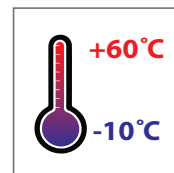
This device is made for 24/7 operation and is the perfect choice for industrial and business applications. It has flat edge to edge glass with IP65 water- and dust proof front panels and a sturdy aluminum case with stable VESA 100 fixation bolts.

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 2	(v2)
Applicable to version 3	(v3)
Applicable to all Versions	None

USB UNIVERSAL SERIAL BUS

SUPERSPEED CERTIFIED **USB**

W-LAN

+60°C
-10°C

24/7

Product name				19" Capacitive Touch PC i5-7300U			
Model number / EAN number				**FT19I5CAPOB / 6920734000166**			
Global Article Code	European Article Code	Release date (D/M/Y)	Version	Global Article Code	European Article Code	Release date (D/M/Y)	Version
3030504367	1010501889	01/06/2020	v2				
3030504367	1010501938	18/01/2021	v3				

IP Rating
IP65 Front / IP40 Back

LCD Panel	
Screen diagonal (Inch/cm)	19/48.26
Display active screen size (cm)	37.93×30.41
Aspect ratio	5:4
Physical resolution	1280×1024
External Maximum showable resolution - HDMI, DP	1920×1080
Colours displayed	16.7M
Brightness (cd/m^2)	250
Contrast	1000:1
Typical reaction time Tr / Tf (ms)	1.5/3.5
Visual Angle horizontal / vertical (°)	170/160
Backlight / Backlight Lifetime (hours)	LED / 40,000

Operation / Mechanical	
Operating Temperature (°C)	-10 ~ +60
Humidity Range (RH)	10% - 90%
Net weight (kg)	5.00
Gross weight (kg)	6.80 (incl. cartonage)
Housing material	Rubber front case, Aluminum IPC back case
Housing (mm) L × W × H	431.5 × 364.5 × 69.0
Cut-out for clamp supports (mm) L × H	407.5 × 340.5
Max. wall thickness for clamp supports (mm)	5.0
Amount of clamps required	6
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
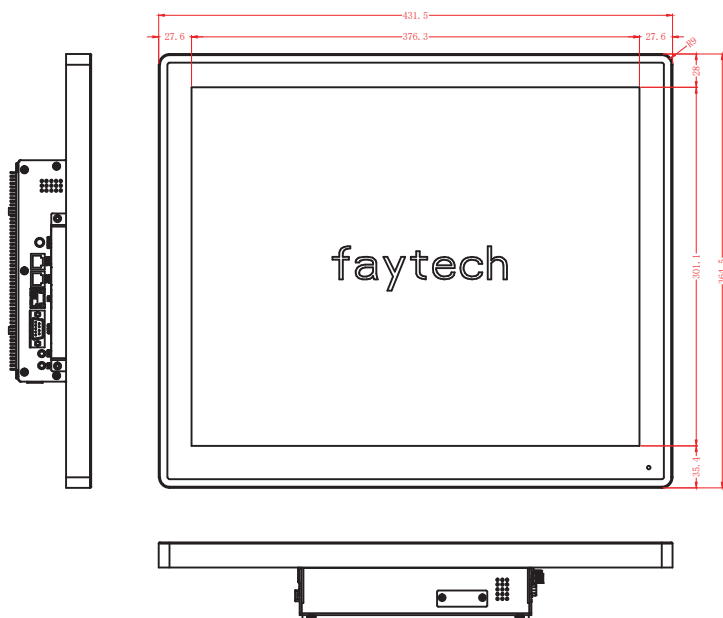
| PC System	
CPU	Intel® Core™ i5-7300U Processor Kaby Lake
Graphic GPU	Intel® HD Graphics
Audio	Realtek ALC3236 Audio CODEC
Memory	8GB DDR4 non-ECC (max. 16GB)
Storage (switchable)	faytech Industrial 128GB SSD
Network	2x Realtek PCIe GB LAN 8111G (1000Mbps) M.2 E-key Wi-Fi module
Driver Support	Win10; Linux; 32Bit/64Bit
Preinstalled OS	Linux Ubuntu

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)	48
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 10-PIN DIO as RJ50	
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 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
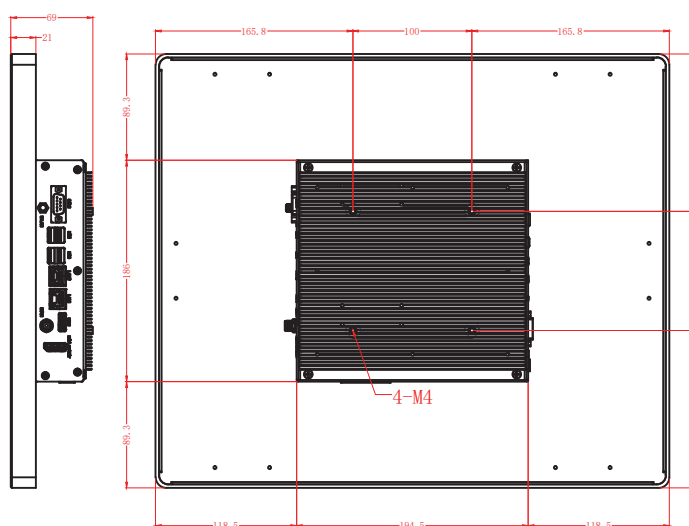
Update Notes:

Version:		Changes:
v2	-	First version
v3	-	Update of internal wiring and components