

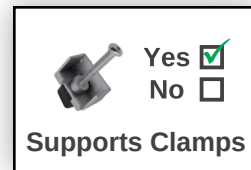
21.5" Capacitive Touch PC i5-7300u

FT215I5CAPOB



- 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.

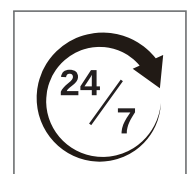
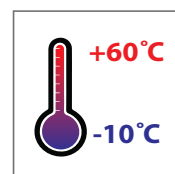
This device is made for 24/7 operation and is the perfect choice for industrial and business applications. It has flat edge to edge glass with IP65 water- and dust proof front panels and a sturdy aluminum case with stable VESA 100 fixation bolts.

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



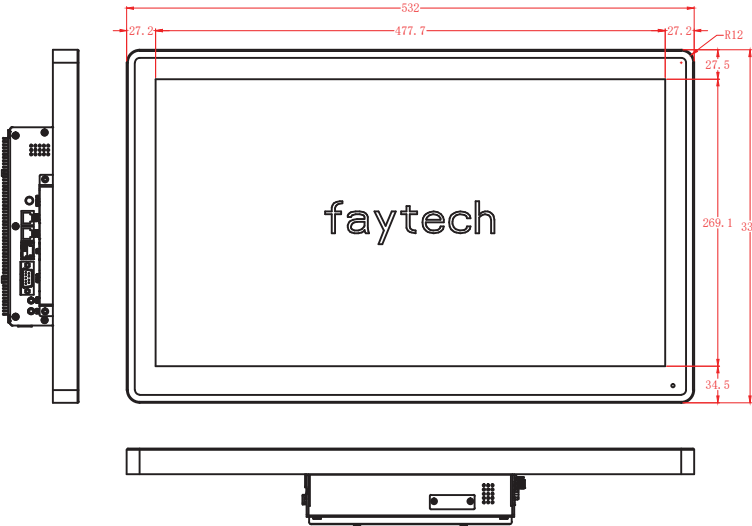
Product name				21.5" Capacitive Touch PC i5-7300U			
Model number / EAN number				FT2155CAPOB / 6920734002153			
Global Article Code	European Article Code	Release date (D/M/Y)	Version	Global Article Code	European Article Code	Release date (D/M/Y)	Version
3030502968	1010501659	03/12/2019	v2				
3030504500	1010501999	18/01/2021	v3				

IP Rating
IP65 Front / IP40 Back

LCD Panel	
Screen diagonal (Inch/cm)	21.5/54.69
Display active screen size (cm)	47.70×26.80
Aspect ratio	16:9
Physical resolution	1920×1080
External Maximum showable resolution - HDMI, DP	1920×1200
Colours displayed	16.7M
Brightness (cd/m²)	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)	5.20
Gross weight (kg)	7.80 (incl. cartonage)
Housing material	Rubber frame, Aluminum IPC back case
Housing (mm) L × W × H	532.0 × 331.0 × 72.0
Cut-out for clamp supports (mm) L × H	508.0 × 307.0
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
Docking Station Concept	Exchangeable from LCD Panel front kit (mounted using screws)

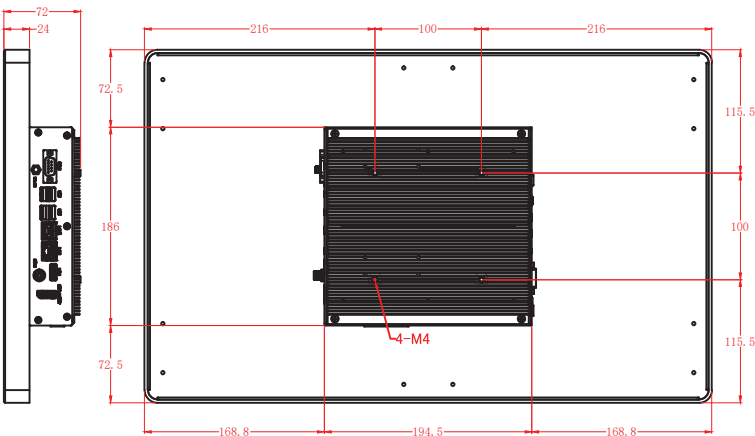
Touch Panel	
Touch Technology	Projected Capacitive 10-Point Multitouch
Touch Connector	USB
Touch Life (Contacts)	Unlimited
Surface Hardness	7H
Surface Treatment	Anti-glare (chemical etching)
Glass Strengthening	Chemically Strengthened

Power	
Power Indicator	Green LED
Power Supply	100-240V ACDC active switching; 12V DC-Out
Working Power (V)	12
Power Consumption (W)	42
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 ^(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) ^(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

Update Notes:

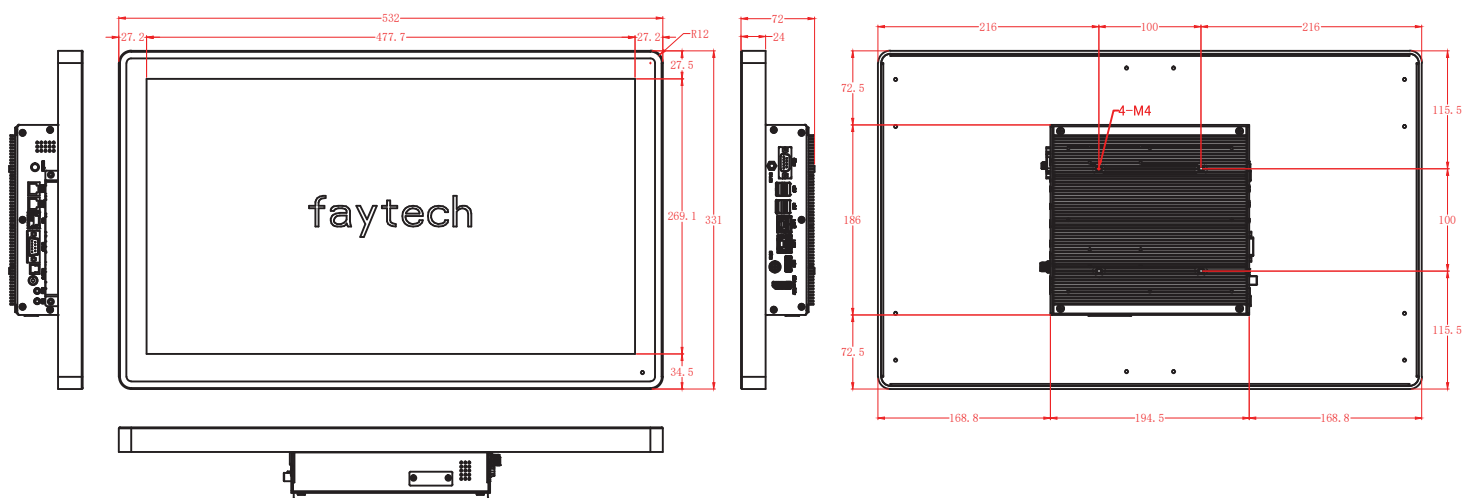
Version:

Changes:

v2

-

First version



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

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