

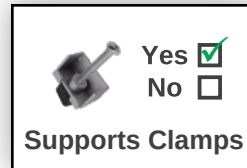
21.5" Capacitive Touch PC x6413E

FT215X6413ECAPOB



*) Front- & Back-kit Concept - Preliminary Datasheet

- Intel® Atom® x6413E Processor
- 8GB RAM Memory & 120GB eMMC Storage
- Pre-installed Linux Ubuntu operating system
- 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 module
- 2 year guarantee (24/7 operation)



faytech's Capacitive Touch PCs have a pre-installed Linux Ubuntu operating system, with Windows 10/11 available upon request. The device has an IP65 water- and dust proof front panel with capacitive 10-finger multitouch. All the PCs have VESA 75 or VESA 100 screw patterns on the back.

The Touch PCs are build for 24/7 operation and powered by the powerful Elkhart Lake Quad-Core mainboard, with 8G RAM memory and 120GB eMMC storage.

This device has an optically bonded touch panel, which will improve the stability, reduce the reflection, increase the viewing angle, and enhance the perceived brightness. It also provides resistance to dust particles and shows a better image in general.

It is the perfect choice for a wide variety of applications, including industrial automation, control panels and digital signage.

Bottom view:



Side view:



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



Product name				21.5" Capacitive Touch PC x6413E			
Model number / EAN number				FT215X6413ECAPOB			
Global Article Code	European Article Code	Release date (D/M/Y)	Version	Global Article Code	European Article Code	Release date (D/M/Y)	Version
3030514342	-	-	v1				

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	3840×2160
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)	6.80
Gross weight (kg)	8.55 (incl. cartonage)
Housing material	Rubber frame, Aluminum IPC back case
Housing (mm) L × W × H	532.0 × 331.0 × 68.0
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

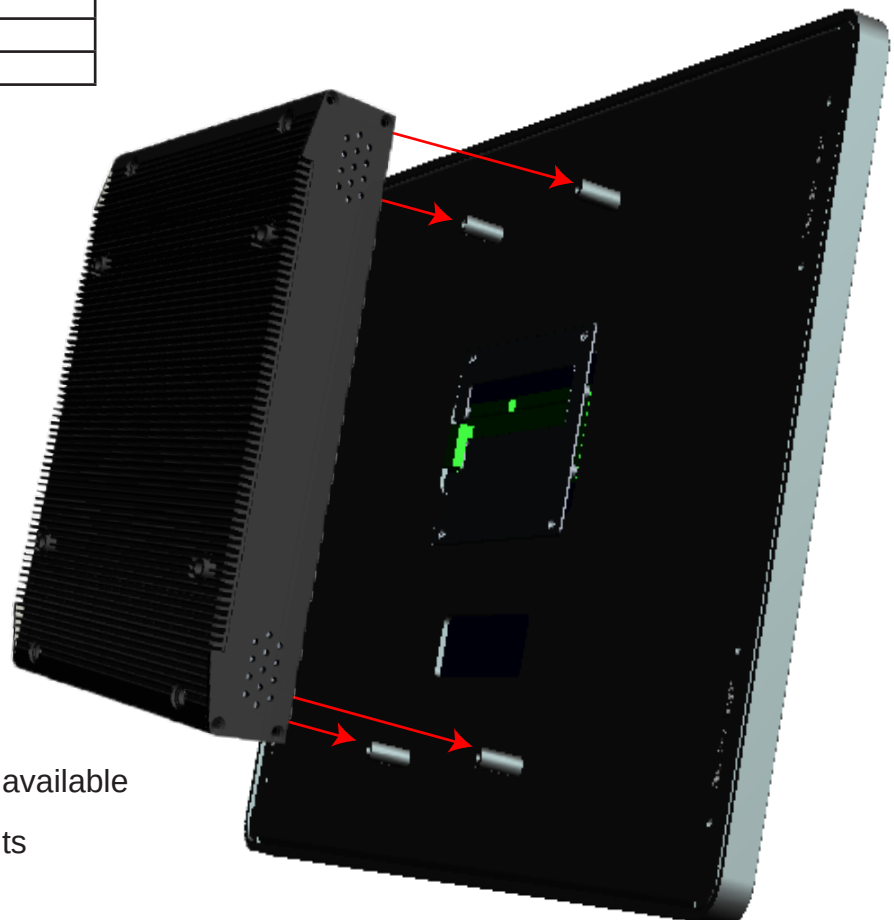
Included in the Delivery	
Power Supply (see Power section)	
W-LAN Antenna (RP-SMA female)	
Short Installation Manual	

PC System	
CPU	Intel® Atom® x6413E
GPU	Intel® UHD Graphics
Cores	4
Memory	8GB RAM
Storage	120GB eMMC
Cache	1.5MB
Network	10/100/1000Mbit Network; W-LAN
Pre-installed OS	Linux Ubuntu
Supported OS	Linux Ubuntu / Windows 10 & 11

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	Tempered

Power	
Power Indicator	Green LED
Power Supply	100-240V ACDC active switching; 12V DC-Out
Working Power (V)	12
Power Consumption (W)	24
Stand-By Consumption (W)	<1

External Connectors	
1x 12V DC-In (screwable)	1x HDMI
1x DisplayPort	2x 10/100/1000Mbit RJ45 Ports
2x USB 3.0	2x USB 2.0
1x Audio Jack	1x Wi-Fi Antenna (screwable)
1x Micro SD-card slot	1x SIM-card slot
1x COM – RS 232/422/485 switchable; 5V/12V/RI option (COM3, DSUB9)	



Front- & Back-kit concept:

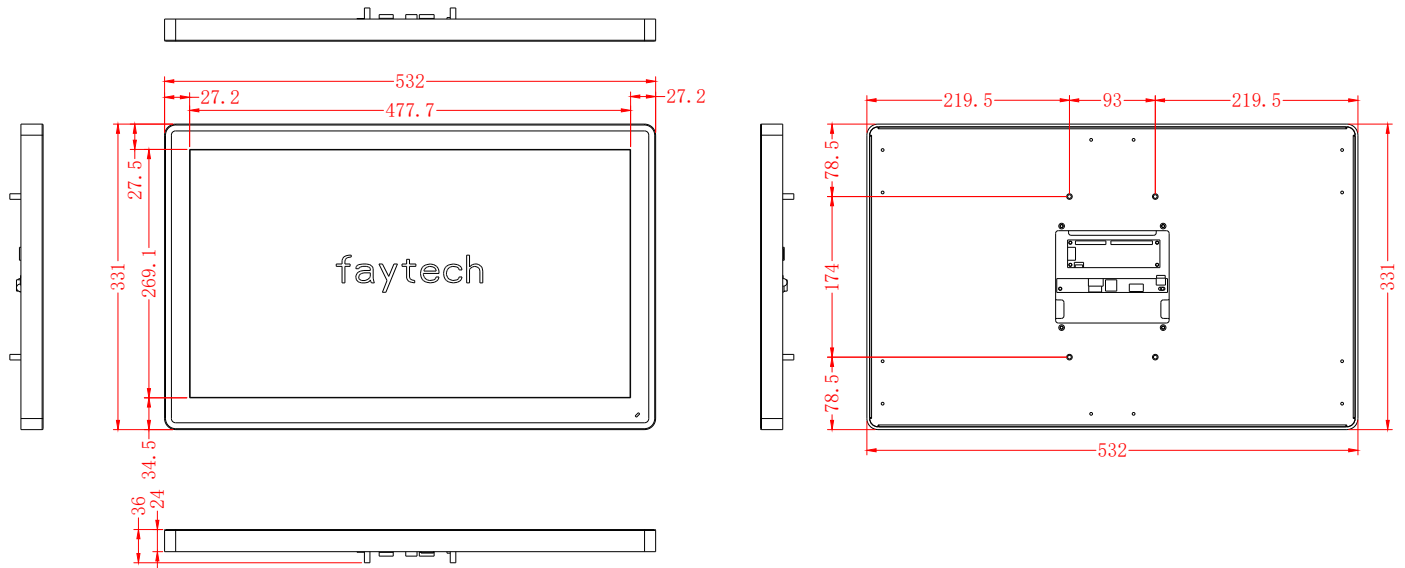
Pre-assembled or separately packaged available

Easily replace or switch back- or front-kits

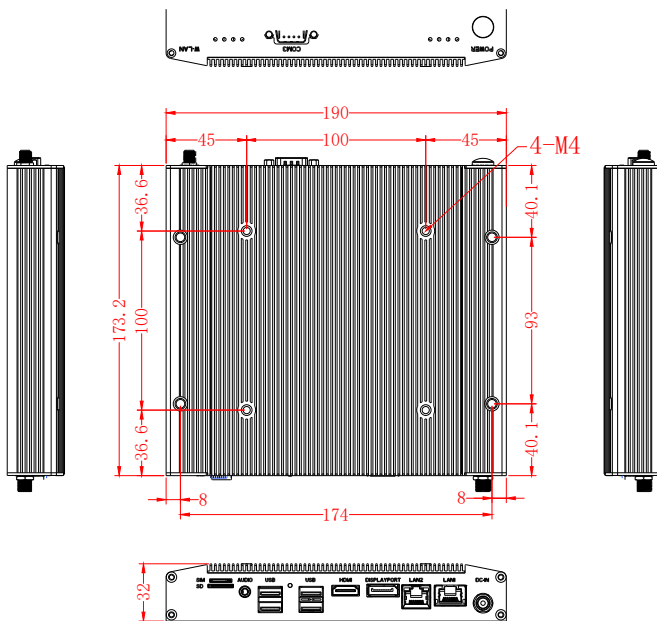
Connected through a single connector

Assembly to be done by a professional

Front-kit rubber frame (21.5" version):



Back-kit IPC (Elkhart Lake version):



Update Notes:

Version:

v1

Changes:

- First version

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