21.5" Capacitive Touch PC
FT215N4200CAPOB

faytech

Optically Bonded

PURE BOND®

- **Intel® Pentium™ N4200 QuadCore CPU**
- **4GB 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**
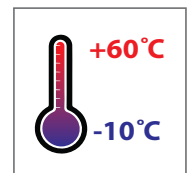- **Integrated W-LAN**
- **2 year guarantee**

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

It is the perfect choice for industrial and business application. 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 (VESA 400 for 32" and up).

The touch PC is powered by faytech's industrial Apollo Lake mainboard. It is driven by the powerful Intel® Pentium® N4200 QuadCore processor with up to 2.50 GHz clock frequency. This version versions is equipped with 4GByte RAM, 128G SSD and Intel's HD Graphic chipset, supporting FullHD, DirectX 11.1 and OpenGL 4.0.

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.

USB UNIVERSAL SERIAL BUS

SUPERSPEED CERTIFIED USB

W-LAN

+60°C -10°C

Product name	21.5" Capacitive Touch PC
Model number / EAN number	FT215N4200CAPOB / 6920734021529

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)	6.80
Gross weight (kg)	8.56 (inkl. Kartonage)
Housing material	Rubber front case, Aluminum IPC back case
Housing (cm) L × W × H	53.20 × 33.80 × 6.20
Mounting	VESA 100

Internal Connectors		
1x SO-DIMM, max. 4GB, DDR3L 1333/1600/1867 non-ECC Single channel memory		
3x RS232/RS485 COM connectors switchable in BIOS		
1x 12V DC power connector (2-pin)	2x LCD Backlight control/LCD panel voltage box	
1x 5V/12V SATA power connector	1x SIM-card-Header (connected to MiniPCIe)	
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	2x USB 3.0 box header
1x MIPI CSI connector	1x LVDS box header	1x DIO connector

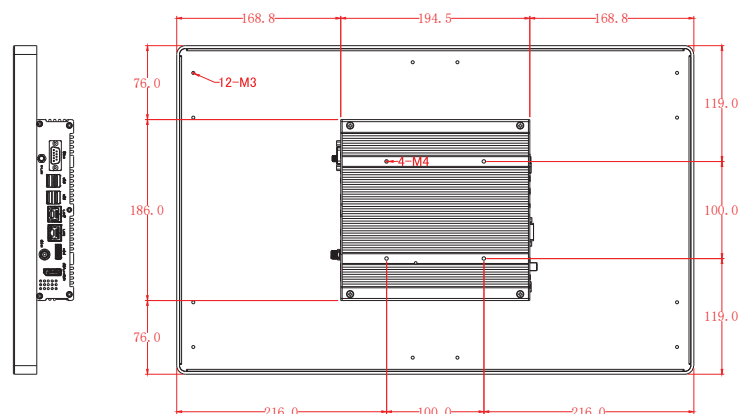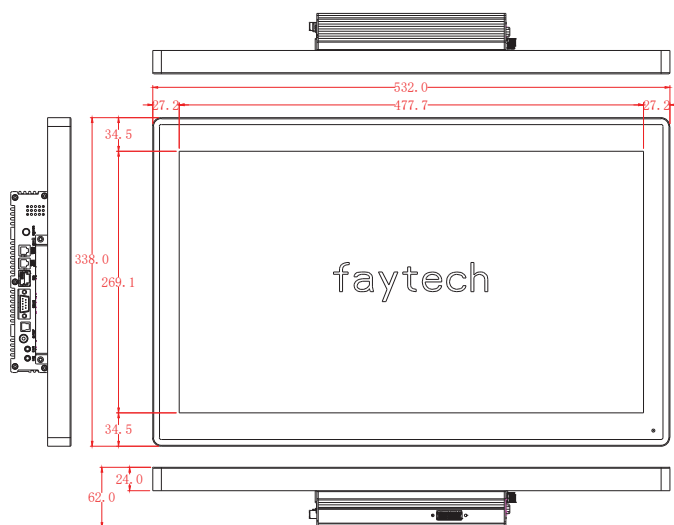| PC System	
CPU	Intel® Pentium™ QuadCore N4200
Chipset	Intel® E3900
Graphic GPU	Intel® HD Graphics
Audio	Realtek ALC3236 Audio CODEC
Memory	4GB DDR3L non-ECC
Storage (switchable)	faytech Industrial 128GB SSD
Network	2x Realtek PCIe GB LAN 8111G (1x optional with POE); W-LAN
Driver Support	Win10; Linux; 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)

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 DP
2x USB 3.0	2x USB 2.0
1x LVDS	1x MIC-In & EAR-Out
8x In/Out GPIO as RJ45	1x W-LAN antenna connector
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)	
1x 2.5" module slot, changeable SSD included	

Expansion slots
1x Mini PCIe + mSATA (with SIM card) (2x Full Height/Half height changeable)
1x PCIeX1 Straddle Connector
1x M.2 E-key for wireless device

Included in the Delivery
Power Supply (see Power section)
W-LAN antenna
Short Installation Manual
Standard Stand

Troubleshooting
If you encounter problems or ambiguities during the usage, please first refer to the detailed instruction manual (available on the driver DVD and on www.faytech.com).
In case you are unable to resolve the issue this way please contact us directly.

FCC WARNING
This device complies with part 15 of the FCC Rules. Operation is subject to the following two cond itions: (1) this device may not cause harmful interference, and (2) this device must accept any int erference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital de vice, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protec tion against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructi ons, may cause harmful interference to radio communications.
However, there is no guarantee th at interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception,
which can be determined by turning the equipment off and on, the user is encouraged to try to c orrect the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different
from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.
To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed an d operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.