

27" Capacitive Touch PC

FT27N4200CAPOB



- 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

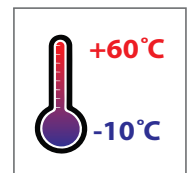


faytech's Capacitive PC series stands out among competition with its fanless silent operation, IP65 front panel design, high reliability and fine craftwork.

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.



Product name	27" Capacitive Touch PC
Model number / EAN number	FT27N4200CAPOB / 6920734002702

IP Rating	
IP65 Front / IP40 Back	

LCD Panel	
Screen diagonal (Inch/cm)	27/68.57
Display active screen size (cm)	59.76×33.62
Aspect ratio	16:9
Physical resolution	1920×1080
External Maximum showable resolution - HDMI, DP	1920×1200
Colours displayed	16.7M
Brightness (cd/m ²)	300
Contrast	3000:1
Typical reaction time Tr / Tf (ms)	7/5
Visual Angle horizontal / vertical (°)	178/178
Backlight / Backlight Lifetime (hours)	LED / 30,000

Operation / Mechanical	
Operating Temperature (°C)	-10 ~ +60
Humidity Range (RH)	10% - 90%
Net weight (kg)	8.00
Gross weight (kg)	10.50 (incl. cartonage)
Housing material	Rubber front case, Aluminum IPC back case
Housing (cm) L × W × H	66.30 × 40.50 × 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 MiniPCle)	
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

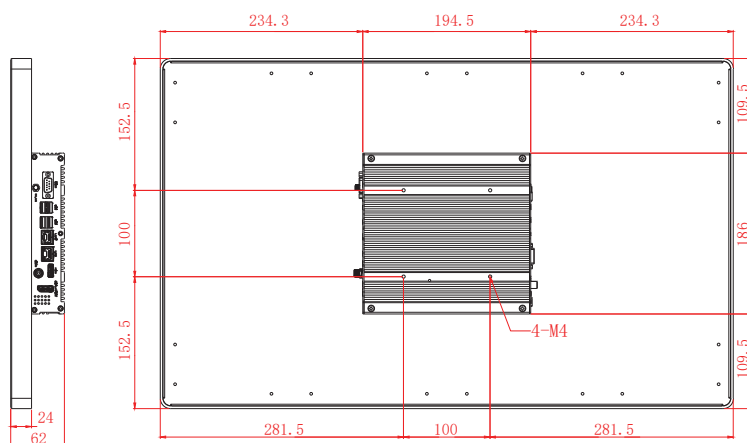
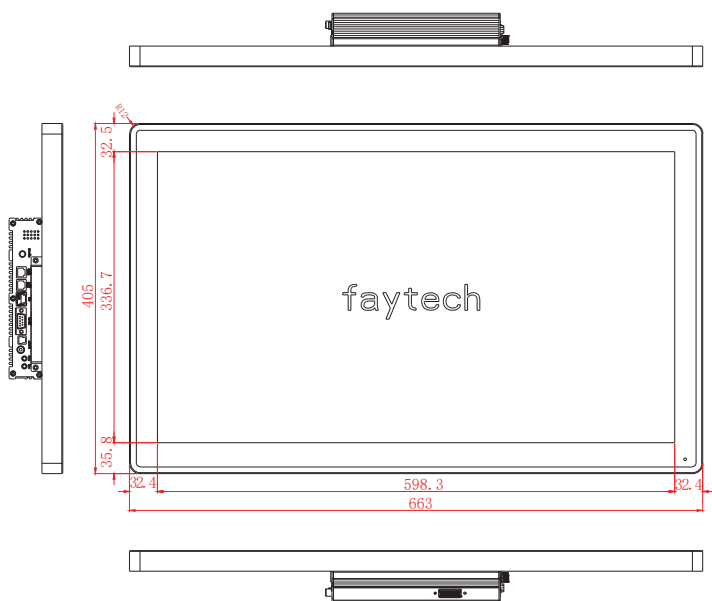
Touch Panel	
Touch Technology	Projected Capacitive 10-Point Multitouch
Touch Connector	USB
Touch Life (Contacts)	Unlimited
Surface Hardness	7H
Surface Treatment	Anti-glare (chemical etching)

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



Tolerance: ± 1mm

Corporate Headquarters

faytech AG
 Bischhäuser Aue 10
 37213 Witzenhausen
 Germany

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

China: +86 755 8958 0612
 Germany: +49 5542 30374 10
 USA: +1 646 205 3214
 India: +91 11 49707436
 Japan: +070 4127 5167