

Item no.: 365068

12.1" Capacitive Touch PC (N4200)

from **1.268,56 EUR**

Item no.: 365068
shipping weight: 3.90 kg
Manufacturer: faytech

Product Description

The capacitive PC series from faytech stands out from the competition with its fanless, quiet operation, IP65 front design, high reliability and good workmanship. It is the perfect choice for industrial and business applications. It features a flat front glass with IP65 waterproof and dustproof front panel and a robust aluminium housing with sturdy VESA 100 mounting bolts.

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

These faytech PCs are the perfect choice for a variety of applications such as point-of-sale systems, industrial control panels, kiosk systems, office/residential automation, digital signage and in areas such as shopping malls, classrooms, hotels and many more.

IP protection class

- Front housing IP65 / rear housing IP40

PC System

- Processor / CPU Intel® Pentium® QuadCore N4200
- GPU Graphics Intel® HD Graphics
- Audio chip Realtek ALC3251 Audio CODEC
- Memory 4GB DDR3L non-ECC (max. 8GB)
- Removable storage faytech Industrial 128GB SSD
- Network 2x Realtek PCIe GB LAN 8111G (1x optional with POE); W-LAN
- Driver support Windows 10 + Linux Ubuntu
- Pre-installed operating system (OS) Linux Ubuntu

LCD panel

- Screen diagonal (inch/cm) 12.1" / 30.7 cm
- Active area display (cm) 24.60 cm x 18.40 cm (9.685 in x 7.244 in)
- Aspect ratio 16:10, 4:3
- Physical resolution 1024x768 px
- Maximum displayable external resolution - HDMI, DP 1920x1200 px
- Brightness 500 (cd/m²)
- Contrast 700:1
- Typical response time Tr/Tf 25/10 (ms)
- Viewing angle h/v 160/160 (°)
- Backlight LED
- Backlight life 30,000 (hours)

Touch Panel

- Touch Technology Projected Capacitive 10-point Multitouch
- Touch lifetime Unlimited
- Surface hardness 7H
- Surface treatment Anti-reflective (chemically etched)
- Glass hardness Chemically hardened

Operating notes

- Operating temperatures -10 °C ~ +60 °C (14 °F ~ 140 °F)
- Humidity range (min/max) 10% - 90% RH
- Net weight 2.80 kg / 6.1729 lb
- Total weight (incl. packaging) 4.30 kg / 9.4798 lb
- Enclosure material Silicone rim, aluminium IPC back case
- Enclosure size 301.0 mm x 246.0 mm x 58.5 mm (11.85 in x 9.685 in x 2.303 in)
- Support for mounting brackets Yes
- Cut-out for mounting brackets (L x H) 277.0 mm x 222.0 mm (10.90 in x 8.740 in)
- Number of brackets required 6
- Mounting bracket VESA 100

Power consumption

- Power indicator Green LED
- Power supply 100-240V ACDC active switching; 12V DC-Out
- Operating voltage 12 V
- Power consumption 15 W
- Standby power consumption 1 W

Internal connections

- 1x SO-DIMM, max. 8GB, DDR3L 1333/1600/1867 non-ECC, single channel memory
- 3x RS232/RS485 COM ports switchable in BIOS
- 2x LCD backlight control/LCD panel Power box
- 1x 5V/12V SATA power connector
- 1x 12V DC power connector (2-pole)
- 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 female connector
- 2x USB 3.0 box header

External connections

- 1x 12V DC-In (screwable)
- 1x W-LAN antenna connector (RP-SMA male)
- 2x USB 2.0
- 2x USB 3.0
- 1x HDMI
- 1x DP
- 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 delivery

- Power supply unit (see power consumption)
- Quick guide
- Standard stand
- W-LAN antenna (RP-SMA female)

Specifications

**Scan this QR code to
view the product**

All details, up-to-date
prices and availability

