

Item no.: 365086

21.5" Embedded Touch PC (ARM V40)

from **771,77 EUR**

Item no.: 365086
shipping weight: 8.60 kg
Manufacturer: faytech

Product Description

Our embedded touch PCs have a pre-installed Android 6 operating system (Android 10 for projects) and are equipped with W-LAN module. The unit has a waterproof and dustproof IP65 front panel with capacitive 10-finger multi-touch. All PCs have VESA-75 or VESA-100 screw patterns on the back, while the 13.3" to 27" models come with their own desktop stand.

The embedded PCs are designed for 24/7 operation and are powered by the powerful V40 QuadCore mainboard, which comes with 2G DDR3 RAM, 8GB flash memory, a SATA port and an SD card slot for further memory expansion.

This device features an optically bonded touch panel that improves stability, reduces reflection, increases viewing angle and increases perceived brightness. It also offers resistance to dust particles and generally displays a better image. It is the perfect choice for a variety of applications, including industrial automation, control panels and digital signage. IP protection class

- Front housing IP65 / rear housing IP40

PC System

- Processor / CPU Allwinner® V40 QuadCore
- Chipset Cortex A7
- GPU Graphics ARM® Mali400 Mp2 Compliant with OpenGL ES 2.0/1.1
- Audio chip Integrated HI-FI 100dB audio codec Dual analog mic, 2x6W amplifier
- Memory 2GB DDR3
- Hard disk 8GB EMMC Flash
- Network 10/100Mbit Network; W-LAN
- Driver support Android 6 / 10
- Pre-installed operating system (OS) Android 6.0 (Android 10 for projects only)

LCD panel

- Screen diagonal (inch/cm) 21.5" / 54.6 cm
- Active area display (cm) 47.70 cm x 26.80 cm (18.77 in x 10.55 in)
- Aspect ratio 16:9
- Physical resolution 1920x1080 px
- Maximum displayable external resolution - HDMI, DP 1920x1080 px
- Brightness 250 (cd/m²)
- Contrast 1000:1
- Typical response time Tr/Tf 1.5/3.5 (ms)
- Viewing angle h/v 170/170 (°)
- Backlight LED
- Backlight lifetime 40,000 (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 6.80 kg / 14.991 lb
- Total weight (incl. packaging) 8.60 kg / 18.959 lb
- Enclosure material Rubber Frame, Plastic Back Case
- Case Size 532.0 mm x 331.0 mm x 46.0 mm (20.94 in x 13.03 in x 1.811 in)
- Support for mounting brackets Yes
- Cut-out for mounting brackets (L x H) 508.0 mm x 307.0 mm (20.00 in x 12.08 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 8-18 V
- Power consumption 19 W
- Standby power consumption 1 W

Internal connections

- 1x SD-card
- 1x SIM-card
- 2x Serial
- 4x TTL UART
- 2x USB 2.0
- 18/24Bit LVDS
- 6x GPIO
- 1x SATA port
- 1x line-in
- 1x line-out
- 1x RTC
- 1x CAN bus
- 1x Amplifier for 2x6W loudspeaker

External connections

- 1x 8-18V DC-In (screwable)
- 1x W-LAN antenna connector (RP-SMA male)
- 2x USB 2.0
- 1x HDMI
- 1x 10/100Mbit RJ45 port
- 1x RJ10 (4P4C)
- 1x USB OTG
- 1x Audio-In
- 1x Audio-Out
- 1x Serial
- 1x SIM-card slot
- 1x SD-card slot

Expansion slots

- MiniPCle

Included in delivery

- Power supply unit (see power consumption)
- Quick reference 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

