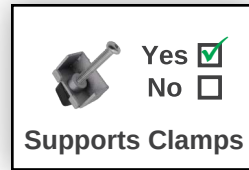


# 32" Embedded Touch PC

FT32V40M400W1G8GCAP



- Allwinner® V40 Cortex™ A7 QuadCore Processor
  - 1GB RAM Memory & 8GB FLASH Storage
  - Pre-installed Android 6.0 operating system
  - Anti-glare surface treatment (chemical etching)
  - 10-Finger-Multi Touch Capacitive Touch Panel
  - Optically bonded Touch Panel to LCD Panel
  - Integrated W-LAN module
  - 2 year guarantee
- *Optional: integrated GPS, Bluetooth, 3G/4G, POE module*

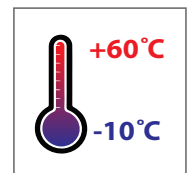


faytech's Embedded Touch PCs have a pre-installed Android 6.0 operating system and are equipped with W-LAN module. The device has IP65 water- and dust proof front panels and capacitive 10-finger multitouch. All the PCs have VESA 75 or VESA 100 screw patterns on the back, while the 13.3" to 21.5" come with their own desktop stand included.

The Embedded PC is powered by the powerful embedded V40 QuadCore mainboard, with 1G DDR3 RAM, 8GB flash memory, a SATA connector and SD card slot for further storage expansion.

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.



|                                  |                       |              |                              |                       |              |
|----------------------------------|-----------------------|--------------|------------------------------|-----------------------|--------------|
| <b>Product name</b>              |                       |              | <b>32" Embedded Touch PC</b> |                       |              |
| <b>Model number / EAN number</b> |                       |              | <b>FT32V40M400W1G8GCAP</b>   |                       |              |
| Global Article Code              | European Article Code | Release date | Global Article Code          | European Article Code | Release date |
| 3030501657                       | 1010501639            | 28/04/2020   |                              |                       |              |

|                        |  |
|------------------------|--|
| <b>IP Rating</b>       |  |
| IP65 Front / IP40 Back |  |

|   |                   |
|---|-------------------|
| <b>LCD Panel</b>                            |                   |
| Screen diagonal (Inch/cm)                   | 31.5/80.01        |
| Display active screen size (cm)             | 69.84×39.29       |
| Aspect ratio                                | 16:9              |
| Physical resolution                         | 1920×1080         |
| External Maximum showable resolution - HDMI | 1920×1080         |
| Colours displayed                           | 16.7M             |
| Brightness (cd/m²)                          | 350               |
| Contrast                                    | 3000:1            |
| Typical reaction time Tr/ Tf (ms)           | 6/1               |
| Visual Angle horizontal/vertical (°)        | 178/178           |
| Backlight / Backlight Lifetime (hours)      | LED / min. 30,000 |

|                                       |                          |
|---------------------------------------|--------------------------|
| <b>Operation / Mechanical</b>         |                          |
| Operating Temperature (°C)            | -10 ~ +60                |
| Humidity Range (RH)                   | 10% - 90%                |
| Net weight (kg)                       | 14.50                    |
| Gross weight (kg)                     | 20.50 (incl. cartonnage) |
| Housing material                      | Aluminum                 |
| Housing (mm) L × W × H                | 768.0 × 475.0 × 65.0     |
| Cut-out for clamp supports (mm) L × H | 733.0 × 440.0            |
| Amount of clamps required             | 10                       |
| Mounting                              | VESA 400×300             |

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

|                        |  |
|------------------------|--|
| <b>Expansion slots</b> |  |
| MiniPCIe               |  |

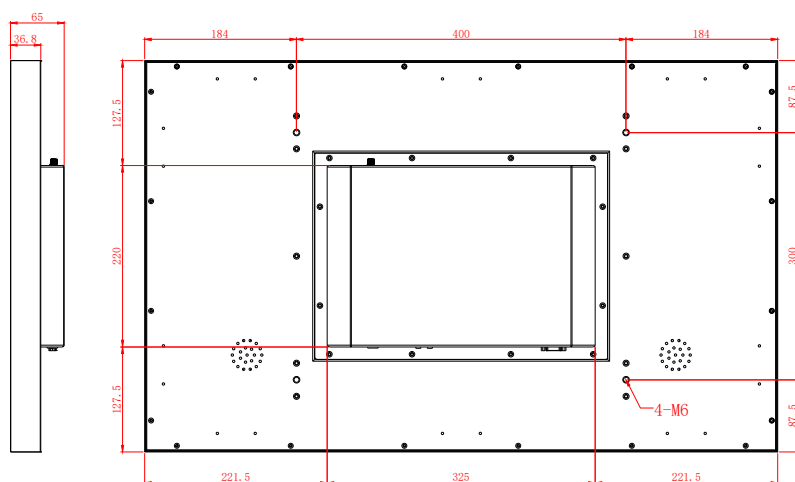
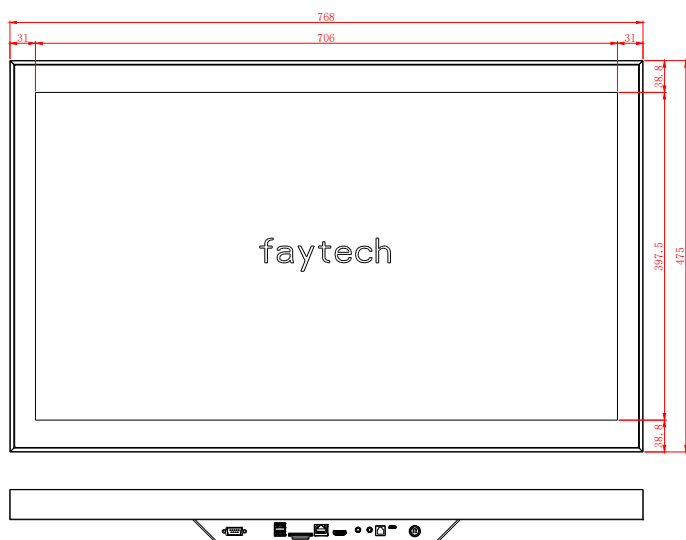
|                  |  |
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| <b>PC System</b> |  |
| CPU              | Allwinner® V40 QuadCore  |
| Chipset          | Cortex A7  |
| Graphic GPU      | ARM® Mali400 Mp2 Complies with OpenGL ES 2.0/1.1                   |
| Audio            | Integrated HI-FI 100dB Audio Codec Dual analog mic, 2x6W amplifier |
| Memory           | 1GB DDR3   |
| Storage          | 8GB EMMC Flash   |
| Network          | 10/100Mbit Network; W-LAN  |
| OS               | Android 6.0  |

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

|                          |  |
|--------------------------|--|
| <b>Power</b>             |  |
| Power Indicator          | Green LED                                  |
| Power Supply             | 100-240V ACDC active switching; 12V DC-Out |
| Working Power (V)        | 24   |
| Power Consumption (W)    | 65   |
| Stand-By Consumption (W) | <1   |

|                                   |  |
|-----------------------------------|--|
| <b>Internal Connectors</b>        |  |
| 1x SD-card                        |  |
| 1x SIM-card                       |  |
| 2x Serial                         |  |
| 4x TTL UART                       |  |
| 2x USB 2.0                        |  |
| 18/24Bit LVDS                     |  |
| 6x GPIO                           |  |
| 1x Line-In                        |  |
| 1x Line-Out                       |  |
| 1x Amplifier for 2x6W loudspeaker |  |
| 1x SATA-Port                      |  |
| 1x RTC                            |  |
| 1x CAN Bus                        |  |

|  |  |
|--|--|
| <b>External Connectors</b>               |  |
| 1x 24V DC-In (4-pin)                     |  |
| 1x HDMI                                  |  |
| 2x USB 2.0                               |  |
| 1x USB OTG                               |  |
| 1x 10/100Mbit RJ45 Port                  |  |
| 1x Audio-In                              |  |
| 1x Audio-Out                             |  |
| 1x Serial                                |  |
| 1x RJ10 (4P4C)                           |  |
| 1x SD-card slot                          |  |
| 1x SIM-card slot                         |  |
| 1x W-LAN antenna connector (RP-SMA male) |  |



## Corporate Headquarters

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