17 " Embedded Touch PC

faytech

- **Allwinner V40 Cortex® A7 QuadCore 1GHz Processor (A20 Cortex® A7 DualCore optional)**
- **1 GB DDR3 RAM; 8 GB EMMC FLASH**
- **Via Mini PCIe 3G and 4G support**
- **Full HD Resolution at 1920 x 1080**
- **Supports Linux & Android up to version 6.X (WinCEoptional)**
- **Optional Bluetooth & GPS**
- **Integrated HI-FI 100dB Audio Codec, 2x 6W amplifier**

Available in two standard versions with just W-LAN or with W-LAN, Bluetooth 4.0 and integrated GPS, and OTG-port. They are faytech's different cost effective yet powerful solutions for various clients. On top of that, we even have WinCE-BSPs for project partners.
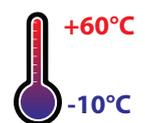
Powered by Embedded A20 Mainboard of high performance/cost ratio or more powerful Embedded V40 Mainboard, faytech's Embedded Touch PCs are the best solutions to industrial automation, device control and digital signage. A powerful Allwinner A20 DualCore or V40 QuadCore CPU, Mali400MP2 graphics chipset, various connectors, e.g. USB, serial, newtwork, TTL/UART, Mini-PCIe, HDMI, VGA, GPIO, LVDS and extended DC-in, all that makes the Embedded series perfect choice for reliable solutions.

The Embedded PCs are equipped with 1G DDR3 RAM, 8G flash memory and includes a SATA connector as well as SD card slot for further storage expansion. As for network connection, the device is already integrated with Wifi, over Mini PCIe the device can be upgraded to 3G+GPS using the existing SIM card slot.

The touch features capacitive 10-finger multitouch panels, Anti-glare chemical etched treatment and optionally bonded to the LED backlighting panels, backed by faytech's warranty for pixel accuracy (A + quality).

The design of the Embedded Touch PCs follows the application: flat easy to integrate IP65 front and stable rear housing with VESA100 mounting for fixing / integration.

faytech's new Embedded Touch PC Series is our most cost-effective solution for intelligent machine control, and like all faytech's reliable touch devices built for precision and durability.

ANDROID | **AW** | **HDMI** | **W-LAN** | **CERTIFIED USB ON-THE-GO** | **+60°C -10°C**

Product name	17" Embedded Touch PC
Article code / EAN number	FT17V40M400W1G8GCAP / 6920734017805

LCD Panel	
IP rating	IP65
Screen diagonal (Inch/cm)	17/43.18
Display active screen size	33.79x27.04
Aspect ratio	5:4
Physical resolution	1280x1024
External Maximum showable resolution - DP	1920×1080
Colours displayed	16.7M
Brightness (cd/m^2)	250
Contrast	1000:1
Typical reaction time Tr/ Tf (ms)	3.8/1.2
Visual Angle horizontal/vertical (°)	170/160
Backlight / Backlight Lifetime (hours)	LED / 30,000

Operation / Mechanical	
Operating Temperature (°C)	-10 ~ +60
Humidity Range (RH)	10%-90%
Net weight (kg)	5.10
Gross weight (kg)	6.10 (incl. cartonage)
Housing material	Rubber front case and plastic backcase
Housing (cm) LxWxH	38.10 x 31.30 x 4.50
Mounting	VESA 100

PC System	
CPU	Allwinner® V40 Cortex™ A7 QuadCore (A20 Cortex™ A7 DualCore optional)
Chipset	Cortex A7
Graphic GPU	ARM® Mali400 Mp2 Complies with Open - GL ES 2.0/1.1
Audio	Integrated HI-FI 100dB Audio Codec Dual analog mic, 2x6W amplifier
Memory	1x 1GB DDR3
Storage	8GB EMMC Flash
Network	10M/100M/1000M Network; W-LAN
Driver Support	Android 6.0 / 4.4 (A20: Android 4.4)
Preinstalled OS	Android 6.0 / 4.4 (A20: Android 4.4)

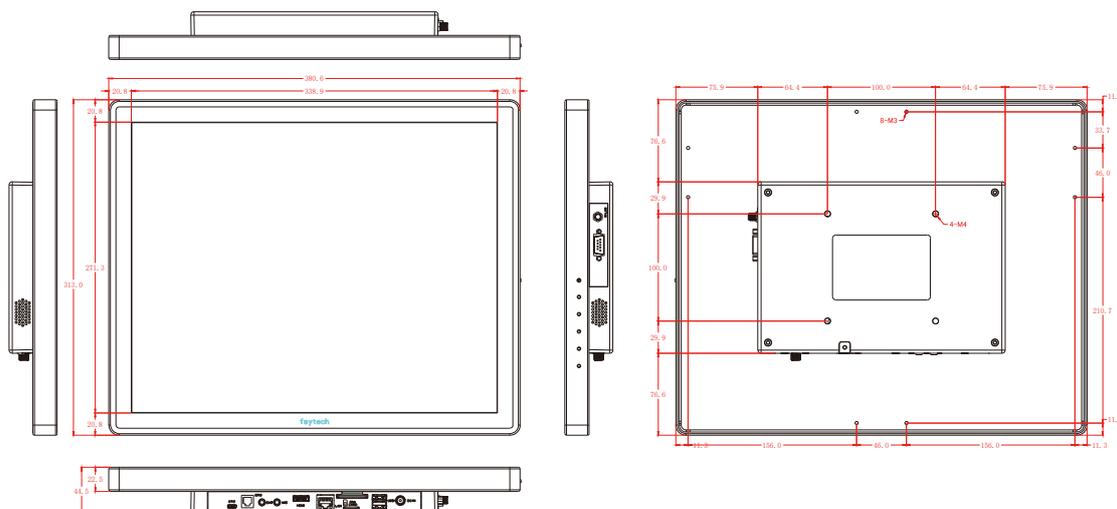| Touch Panel	
Touch Technology	Projected Capacitive 10-Point Multitouch
Touch Connector	USB
Touch Panel Drivers	Windows; Linux; Mac; Android
Touch Life (Contacts)	Unlimited
Surface Hardness	7H

Power	
Power Indicator	Green LED
Power Supply	100-240V ACDC active switching; 12V DC-Out
Working Power (V)	8~18
Power Consumption (W)	22
Stand-By Consumption (W)	<1

Expansion slots
1x MiniPCIe

Included Accessories
Power Supply (see Power section)
W-LAN Antenna
Short Installation Manual
Standard Stand

External Connectors
8-18V DC-IN, screwable
2x USB 2.0
1x USB OTG
1x Serial
1×10/100/1000Mbit RJ45 Ports with connector for POE
1x Audio-In
1x Audio-Out
1x W-LAN connector
1x HDMI
1x GPIO
1x SD-card slot
1x SIM-card slot

Internal Connectors
1x SD-card
1x SIM-card
2x Serial
4x TTL UART
2x USB 2.0
18/24Bit LVDS
6x GPIO (A20: 20x GPIO)
1x Line-In
1x Line-Out
1x Amplifier for 2x 6W loudspeaker
1x SATA-Port
1x RTC

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