10" Embedded Touch PC

FT10V40CAPOB

faytech

PURE BOND
Optically Bonded

- **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**
- **1.1mm cover glass with 7H surface hardness**
- **Optically bonded Touch Panel to LCD Panel**
- **Patented IP65 front with silicon seal**
- **Integrated W-LAN module**
- **2 year guarantee**

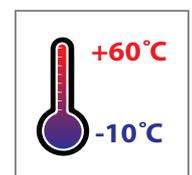- *Optional: integrated GPS, Bluetooth, 3G/4G, POE module*

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.

W-LAN

USB *UNIVERSAL SERIAL BUS*

+60°C **-10°C**

Product name	10" Embedded Touch PC
Article code / EAN number	FT10V40CAPOB / 6920734010813

IP Rating
IP65 Front / IP40 Back

LCD Panel	
Screen diagonal (Inch/cm)	9.7/24.64
Display active screen size (cm)	19.7×14.7
Aspect ratio	4:3
Physical resolution	1024×768
External Maximum showable resolution - HDMI	1920×1080
Colours displayed	16.7M
Brightness (cd/m^2)	350
Contrast	800:1
Typical reaction time Tr/ Tf (ms)	10/15
Visual Angle horizontal/vertical (°)	170/170
Backlight / Backlight Lifetime (hours)	LED / 20,000

Operation / Mechanical	
Operating Temperature (°C)	-10 ~ +60
Humidity Range (RH)	10% - 90%
Net weight (kg)	2.00
Gross weight (kg)	2.80 (incl. cartonage)
Housing material	Rubber Front Case, Plastic Back Case
Housing (cm) L × W × H	24.49 × 19.58 × 3.40
Mounting	VESA 100

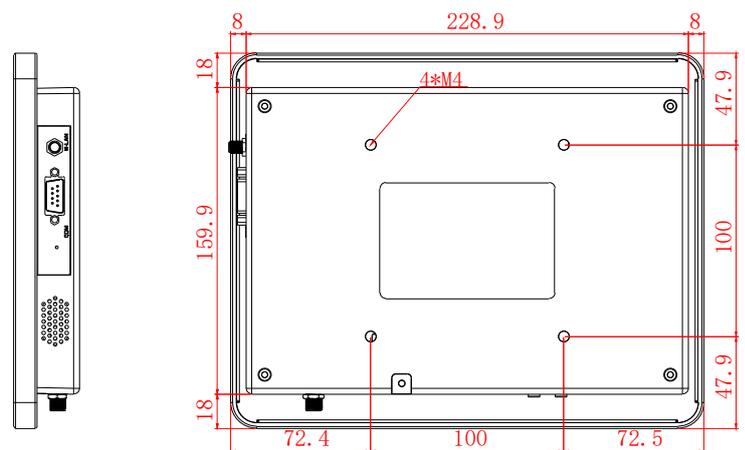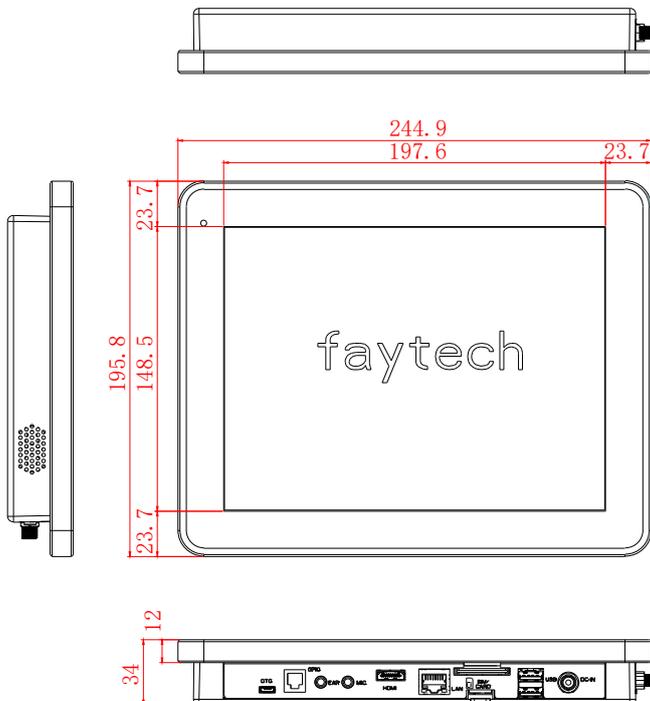| Included in the Delivery	Expansion slots
Power Supply (see Power section)	MiniPCIe
W-LAN Antenna (RP-SMA female)	
Short Installation Manual	

PC System	
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

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)	8~18
Power Consumption (W)	9
Stand-By Consumption (W)	<1

Internal Connectors	External Connectors
1x SD-card	1x 8-18V DC-In (screwable)
1x SIM-card	1x HDMI
2x Serial	2x USB 2.0
4x TTL UART	1x USB OTG
2x USB 2.0	1x 10/100Mbit RJ45 Port
18/24Bit LVDS	1x Audio-In
6x GPIO	1x Audio-Out
1x Line-In	1x Serial
1x Line-Out	1x GPIO RJ11 Port
1x Amplifier for 2x6W loudspeaker	1x SD-card slot
1x SATA-Port	1x SIM-card slot
1x RTC	1x W-LAN antenna connector (RP-SMA male)
1x CAN Bus	

Tolerance: ± 0.5mm