

# 21.5" Embedded Touch PC



- SuperPowerful Dual-Core 1GHz processor
- redefine Full HD support on LVDS, HDMI and VGA
- Another test Industrial connections
- ARM based
- Android and Linux OS-support
- Customization available upon request



Manufacturer's Embedded Touchscreen Series is the cost effective solution for machine control, automation, and digital signage. By including pre-installed Android or Linux, a powerful Allwinner A20 Dual Core CPU, numerous interfaces such as USB, serial, network, TTL / UART, Mini-PCIe, HDMI, VGA, GPIO, LVDS and extended DC -IN, The touch feature is achieved using resistive, capacitive or infrared touch panels. Each panel comes with LED backlighting and is backed by warranty for pixel accuracy (A + quality).

The design of the Embedded Touchscreen series follows the application: flat easy to integrate IP65 front and stable rear housing with VESA-75/100 mounting for fixing / integration.

A really cool new Embedded Touchscreen Series is our most cost-effective solution for intelligent machine control, and like all reliable touch devices built for precision and durability.

## Touch Panel

Touch Technology	capacitive /10 touchpoints
Touch Connector	USB (PC Internal)
Touch Life (Contacts)	50 million touch in 1 location
Surface Hardness	7H

## PC System

CPU	Allwinner A20 Cortex™-A7-Dual-Core
Graphic GPU	ARM® Mali400 Mp2 Complies with OpenGL ES 2.0/1.1
Audio	Integrated HI-FI 100dB Audio Codec Dual analog mic, 2x3W amplifier
Memory	1G DDR3 RAM
Hard drive	8G NAND Flash
Network	10M/100M Network, W-LAN
Driver Support	Android 4.2, Linux
Preinstalled OS	Android 4.2

## LCD Panel

IP Protection Class	Front case with IP65
Screen Diagonal (inch/cm)	21.5/54.6
Aspect Ratio	16:9
Resolution	1920x1080
Colors Displayed	16.7M
Viewing Angle	170;160
Brightness (cd/m2)	250
Contrast Ratio	1000:1
Backlight/Backlight	LED / 40,000
Lifetime (Hours)	

## External Connectors

9-18V DC-IN  
2x USB 2.0, 1x serial  
SD/SIM-card  
RJ45  
HDMI 1.4  
EAR/MIC  
VGA  
1x W-LAN-antenna connector

## Operation/Mechanical

Operating Temperature	-10~+60
Humidity Range (RH)	20%-90%
Housing Material	Rubber front with back case.
Mounting	VESA 100

## Accessory

Driver CD  
User Information

## Power

Power Indicator	Green LED
Power Supply	100-240V ACDC active switching;12V DC-Out
Working Power (V)	9-18
Power Consumption (W)	25
Stand-By Consumption	<1 (W)



RoHS ✓ CE FC

