

NEW UART TFT LCD Display

Winstar, introduced the new 7.0" Entry Level UART LCD Modules with PCAP touch or Resistive Touch. This display is a slave device, which is controlled by the master device via customized command to render display content on the display screen and return the touch event position.

The displays are an **All-In-One System**: built-in a control board with a micro-controller and external flash, behind the TFT panel. It can drive TFT, backlight, and touch panel directly.

Operational Temperature Range: -20°C to +70°C

Storage Temperature Range: -30°C to +80°C

WLOF0007000A2GFAAEA00, WLOF0007000A2TFAAEA00

Item	Standard Value	Unit
Operating Voltage	5	Vdc
Communication Interface	UART /19200	----
MCU	IT9866 /360MHz	----
Flash Memory	16	MB
SDRAM Frequency	64MB/ 360MHz	----
LCD Display Size	7.0	inch
Dot Matrix	800 × RGB × 480	dots
Module Dimensions	180(W) × 100(H) × 15.8(D) or 180(W) × 100(H) × 15.6(D)	mm
Active Area	154.08 × 85.92	mm
Pixel Pitch	0.1926(W) × 0.179(H)	mm
Brightness	250min, 350typ or 200min, 250typ	cd/m2
LCD Type	TFT, Normally White, Transmissive	----
View Direction	12 o'clock	----
Aspect Ratio	16:9	----
Touch Panel	PCAP or Resistive Touch Panel	----
Surface	Glare	----

