

7.6 Inch TFT LCD Display with 1000 Nits Brightness and 800x800 Pixels IPS Screen

Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO9001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.78-7USD
- Packaging Details: CARTON
- Delivery Time: 3-4WEEKS
- Payment Terms: T/T
- Supply Ability: 300000/MONTH



Product Specification

- Backlight: White LED
- Viewing Angle: IPS, All Viewing Angle (85/85/85/85)
- Technology: LCD
- Connection: ZIF FPC
- Touch Screen: Yes
- Display Technology: LCD
- Brightness: 1000 Cd/m²
- Lcd Type: TFT
- Highlight: 7.6 Inch TFT LCD Display, 1000 Nits IPS Screen, 800x800 Pixels LCD Module



Product Description

7.6 Inch TFT LCD Display 1000 Nits 800x800 Pixels Square Type IPS Screen

General Specifications

Product	7.6 Inch Square LCD Display
Resolution	800×800 Dots
Interface	MIPI
Surface Luminance	1000 Cd/m ² (nits)
Viewing Direction	IPS, All Viewing Angle (85/85/85/85)
Touch Screen	Customizable
LCD Controller	ILI9881C
Cover Glass Dimension	Customizable
Operating Temperature	-20°C to +70°C
Storage Temperature	-25°C to +75°C
Brightness	1000 Nits
Connection	ZIF FPC
LED Lifetime	40,000 Hours
Compliance	REACH & RoHS Compliant

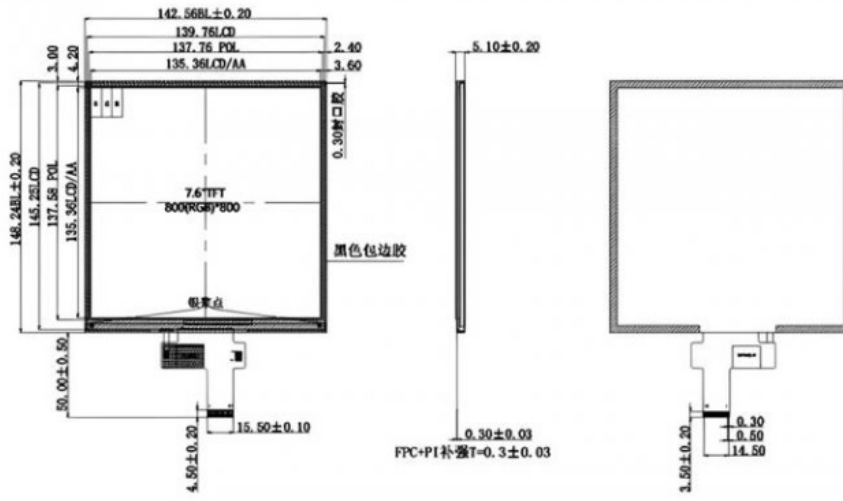
Product Quick Review

Square LCD Display
Size: 7.6 inch
Resolution: 800×800 dots
View Direction: IPS
Interface: MIPI
Driver IC: ILI9881C
Control-Board: No
Brightness: 1000 cd/m²
Frame Through Hole: No
Touch Screen: Projected Capacitive Touch Panel (PCAP) optional
Detect Point: 5 Fingers
Operating Temperature: -20°C to +70°C (Wide Temperature)

Product Description

This TFT LCD module features a 7.6-inch square diagonal size with 800×800 pixel resolution. Equipped with an ILI9881C integrated circuit that combines controller and driver IC functions, it supports MIPI interface with a power supply voltage range of 2.5V to 3.6V (typical 3.3V). The IPS viewing technology provides full viewing angles (85/85/85/85 max).

With exceptional brightness of 1000 nits, this 7.6-inch IPS TFT LCD operates in temperatures from -20°C to +70°C and stores between -25°C to +75°C. Suitable for both indoor and outdoor applications, this high-performance display solution meets diverse requirements for industrial equipment, scanners, home automation, access control systems, monitoring equipment, analyzers, security systems, garden irrigation systems, and numerous other applications.





Frequently Asked Questions

I want the LCD display 8 digits and the outline size is 65x30x2.8mm?

No problem. Please send us your specifications or drawing. If you don't have specifications, you can provide samples; we will recommend suitable standard products or customize based on your requirements.

This LCD is just what we want, but it is big size, do you have any smaller size? And the display content need to be changed a little.

For segment type LCD modules requiring outline size or display content modifications, a new LCD glass module is needed, requiring new tooling.

This LCD display is HTN type, but I want STN type, can you make?

Yes, we can modify the display type according to your requirements.

I want to customize a new LCD module. Can you do?

Yes, we can. Please provide your drawing or specify the outline size, display information (glass thickness, polarizer, display type, connector mode, storage temperature, operating temperature, supply voltage, viewing direction, drive conditions).

What is leading time for tooling?

Typically 15 to 25 days after drawing confirmation and tooling charge payment. We will provide exact timing upon drawing confirmation.

Can you send us samples for checking?

Yes, sample orders are available.

What is the Leading Time?

For standard products in stock, lead time is one day after payment. For mass production of special orders, lead time is approximately 15-30 days. We will notify you in advance if we can complete earlier.



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