

## 3.97 Inch TFT LCD Screen with 480x800 Dots Resolution and MIPI Interface

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO9001 RoHS
- Model Number: BBI-001
- 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

- Refresh Rate: 60 Hz
- Backlight Type: LED
- Interface: MIPI
- Color Gamut: 72% NTSC
- Luminance: 300 Cd/m<sup>2</sup>
- Resolution: 480x800 Dots
- Name: TFT LCD Display
- Highlight: **IPS LCD TFT Screen , 3.97 Inch LCD TFT Screen , IPS TFT Screen Display**



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## Product Description

### 3.97 Inch IPS LCD TFT Screen 480x800 Dots GC9503 24PIN FPC With MIPI Interface

#### Premium Display Solution

This 3.97-inch TFT LCD IPS screen features a 480x800 resolution with GC9503 driver IC and 24PIN FPC connector using MIPI interface technology.

#### Key Features

- 3.97-inch diagonal screen size for enhanced content display
- 480x800 WVGA resolution for sharp, clear visuals
- 16.7 million colors (24-bit color depth) for vibrant reproduction
- LED backlighting for optimal brightness in various lighting conditions

#### Technical Specifications

Parameter	Specification
Product Name	3.97 Inch TFT LCD
LCD Type	Normally Black
Viewing Angle	Free
Resolution	480x800 dots
Operating Temperature	-20°C to +70°C
Storage Temperature	-30°C to +80°C
FPC Connector	24PIN, ZIF type
FPC Pitch	0.5 mm
Driver IC (COG)	GC9503
Interface	MIPI
Backlight Type	8-LED, White, 160mA
Luminance	300 cd/m <sup>2</sup>
Outline Dimension	57.14(H) × 96.85(V) × 2.20(D) mm
Active Area	51.84(H) × 86.35(V) mm

#### Advanced Display Technology

The screen utilizes a 3.97-inch IPS full-view panel with an active display area of 51.84x86.40mm. The compact module design measures approximately 57.14x96.85x2.20mm, featuring a slim profile ideal for space-constrained applications.

Equipped with GC9503 driver IC using COG (chip-on-glass) packaging, ensuring stable display signal output and smooth picture performance. The 24PIN ZIF type FPC combined with MIPI interface provides high transmission rates with low power consumption, compatible with mainstream embedded processors.

Operating temperature range: -20°C to +70°C | Storage temperature range: -30°C to +80°C

Certifications: ROHS compliant | Warranty: One year for non-artificial damage

#### Product Images





### Packaging & Shipping

Packaging options include carton boxes, cupboard, EPE, and blister trays. Custom packaging available based on product size and customer requirements.



Shipping methods: DHL, FedEx, EMS, UPS, air shipping, sea shipping. Available shipping methods based on customer preference.

						
	2-7days	2-8days	2-7days	3-15days	2-5days	2-7days
<b>Notice</b>	<ol style="list-style-type: none"> <li>EMS for Brazil, Russia and Remote areas .</li> <li>SF for Hong Kong, Taiwan, South Korea, Japan, Thailand, Singapore and Malaysia .</li> <li>Having logo product can' t be sent by FEDEX .</li> <li>The Brazil want to use FEDEX/DHL , need to offer CNPJ / CPF to us !</li> </ol>					

### Payment Methods



### Production Capabilities

- Clean Room class 10k@0.8um, Pressure 0.8kgf
- Antistatic floor, resistance: 1×10 ohm to 1×10 ohm
- COG production lines: 4
- Backlight production lines: 2
- Monthly production capacity: 1 million units



### Production Equipments (1)



Silk Screen



Spacer Spraying



Short Detection



ITO Repair



Create the highest value to customers, and offer opportunity to all staff to achieve personal growth.



### Production Equipments (2)



Glass Cutting



Glass Cutting



Automatic Pins Insertion



Automatic Stripping



Create the highest value to customers, and offer opportunity to all staff to achieve personal growth.



### Production Equipments (3)



COG Plasma Cleaner



OOB Automatic Bonding



OOB Bonding



Polarizer Attach

BigBook

Create the highest value to customers, and offer opportunity to all staff to achieve personal growth

ISO9001:2008 Quality Management System Certified

One-year warranty for non-artificial damage

Competitive pricing with large production capacity

### Product Demonstration



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