

3.97 Inch IPS Panel LCD TFT Screen with 480x800 Pixels High Resolution TFT Display

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

- Screen Size: 3.9 Inches
- Brightness: 250 Cd/m²
- Panel Type: IPS
- Backlight Type: LED
- Interface: RGB
- Compatibility: PC And Mac
- Name: TFT LCD Display
- Highlight: 3.97 Inch LCD TFT Screen, LCD TFT Screen Free Angle, GC9503 Custom TFT Display



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Product Description

3.97 Inch LCD TFT Screen Free Angle 480x800 Pixels GC9503 Custom TFT Display

High-quality 3.97-inch TFT LCD display featuring IPS technology with wide viewing angles and sharp 480x800 pixel resolution, ideal for industrial and consumer applications.

Key Features

Screen Size: 3.97-inch diagonal display providing optimal viewing area for complex interfaces and detailed imagery

Resolution: 480x800 pixel resolution delivering sharp, clear display quality for text, graphics, and real-time data

Viewing Angle: All-direction visibility with IPS technology

Temperature Range: Operating: -20°C to +70°C, Storage: -30°C to +80°C

Technical Specifications

| Item | Specifications |
|-----------------------|----------------------------------|
| Product Name | 3.97 Inch TFT LCD |
| LCD Type | IPS |
| Viewing Angle | All |
| 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) | GC9503CV |
| Interface | RGB |
| Backlight Type | 8-LED, White, Parallel |
| Backlight Power | Vf=12.8V, If=40mA |
| Outline Dimension | 55.44(H) × 96.17(V) × 2.30(D) mm |
| Active Area | 51.84(H) × 86.40(V) mm |



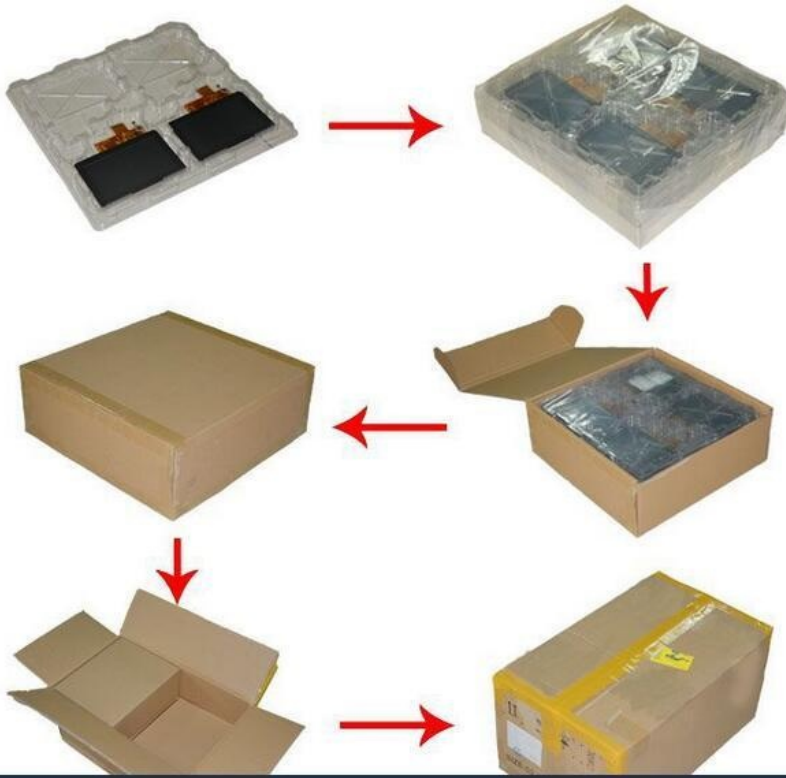


Our Services

- Free repair within one year after shipment
- Replacement within 30 days for product-related issues
- Custom logo printing and model number application
- Professional technical support and responsive after-sales service
- Comprehensive quality control and testing before shipment
- Custom display solutions based on your specifications

Packaging & Shipping

Packaging: Carton boxes, cupboard, EPE, blister tray - customized based on product size and customer requirements.



Shipping: Express delivery via DHL, FedEx, EMS, UPS, air shipping, and sea shipping - choose your preferred method.

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|--|---|---|---|---|--|---|
|  |  |  |  |  |  |  |
| | 2-7days | 2-8days | 2-7days | 3-15days | 2-5days | 2-7days |
| Notice | <ol style="list-style-type: none"> 1. EMS for Brazil, Russia and Remote areas . 2. SF for Hong Kong, Taiwan, South Korea, Japan, Thailand, Singapore and Malaysia . 3. Having logo product can' t be sent by FEDEX . 4. The Brazil want to use FEDEX/DHL , need to offer CNPJ / CPF to us ! | | | | | |

Payment Method: Multiple payment options available.



Frequently Asked Questions

Can you customize LCD displays with specific dimensions and display content?

Yes, we can customize displays based on your specifications or drawings. We can also recommend suitable standard products if available.

What if I need to modify the outline size or display content?

For segment type LCD modules requiring modifications, we can create new tooling to meet your exact requirements.

Can you change display types (HTN to STN)?

Yes, we can modify display types according to your specific needs.

What is the lead time for custom tooling?

Typically 15-25 days after drawing confirmation and tooling payment.

Do you provide samples for evaluation?

Yes, sample orders are available for quality verification.

What is the production lead time?

Standard products: 1 day after payment. Custom production: 15-30 days.

Product Applications

Household Appliances

Refrigerators, air conditioners, fans, heaters, water heaters, electric blankets, air purifiers, washing machines, vacuum cleaners, range hoods, microwave ovens, cookers, electric ovens, rice cookers, water dispensers, tea sets

Communication Equipment

Telephones, intercoms, fax machines, wireless WiFi devices

Automotive Electronics

On-board entertainment systems, automobile fault detectors, CarLog systems, vehicle navigators, car audio, reverse radar, cameras, anti-theft devices

Instruments

Water meters, electric meters, multimeters, electronic scales, pressure meters, temperature meters, flow meters, display instruments, electrical instruments, space instruments, measuring instruments, analytical instruments

Fitness Equipment

Treadmills, waist machines, fitness bikes, training devices, pedometers, code tables, beauty instruments, fitness instruments, electronic sphygmomanometers, weighing scales

Financial Equipment

Tax control cash machines, POS machines, USB-key cheque printers, banknote counting machines, tax control invoice machines

Consumer Electronics

MP3/MP4 players, DVD players, electronic dictionaries, e-readers, early teaching machines, learning machines, electronic organs, electronic clocks, chronographs, calculators

Display Characteristics: High resolution, high definition, high brightness, cost-effective, energy efficient, wide temperature range operation



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