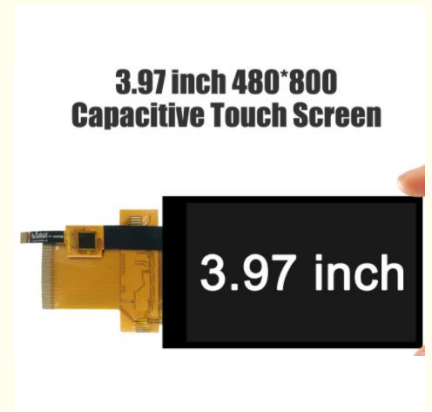


## 3.97 Inch Sunlight Readable IPS TFT LCD Display with 480x800 Resolution and MCU 16Bit Interface

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO90001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.7-7USD
- Packaging Details: CARTON
- Delivery Time: 3-47WEEKS
- Payment Terms: T/T
- Supply Ability: 100000/MONTH



### Product Specification

- Backlight: Low Power Consumption
- Interface: MCU16 Bit
- Type: TFT, TFT LCD
- Pixel Pitch: 480x800
- Outline Mm: 57.86\*97.70\*3.93MM
- Viewing Angle: 12'Oclock
- Backlight Type: LED
- Touch Type: With/without RTP/ With CTP
- Highlight: 3.97 Inch IPS TFT LCD Display ,  
480x800 Resolution TFT LCD Display ,  
MCU 16Bit Interface LCD Display



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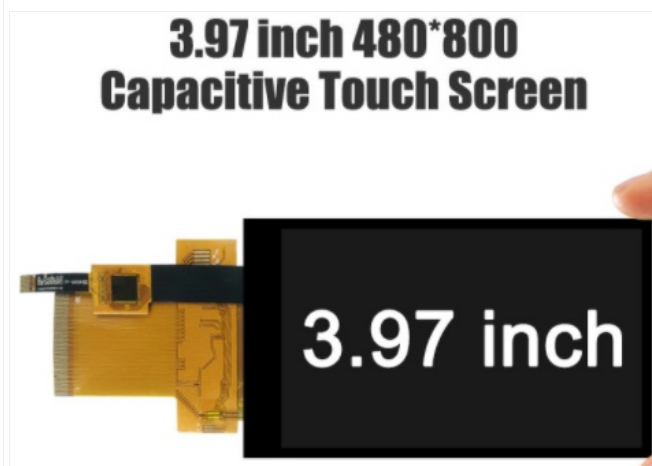
## 3.97" Sunlight Readable LCD Display 480x800 MCU 16Bits Interface

High-performance 3.97-inch sunlight readable LCD display with 480x800 resolution and MCU 16-bit interface, designed for optimal visibility in bright environments.

### Product Specifications

Display Size	3.97 Inch
Resolution	480RGB x 800
Angle Of View	12' O Clock
Interface	MCU16 Bit
Driver IC	NT35510

LCM Dimensions	57.14 x 96.85 x 2.30mm
CTP Dimensions	57.86 x 97.70 x 1.38mm
Assembly Dimensions	57.86 x 97.70 x 3.93mm
Display Area	51.84(H) x 86.40(V)mm
Pixel Size	0.108 x 0.108mm
LCD Type	TFT; Transmissive Normal white
Assembly Method	COG+FPC+BL
Backlight Type	8 Dies LED



### Key Applications

#### 1. Industrial Control and IoT Terminals

Ideal for industrial equipment operating in bright environments, including status monitoring screens for PLC control cabinets, sensor terminals, and IoT nodes like weather stations and soil moisture monitors. The 16-bit interface directly matches microcontroller parallel data requirements.

#### 2. Outdoor Portable Electronic Devices

Perfect for handheld GPS devices, outdoor multimeters, and delivery terminals where sunlight visibility is crucial. The 3.97-inch size balances portability with display area, while low power consumption extends battery life.

### 3. Intelligent Transportation and Vehicle Equipment

Excellent for truck dashboards, EV displays, and parking payment terminals. Sunlight readability prevents washout in direct light, while the 16-bit interface ensures fast response with vehicle microcontrollers.

### 4. Consumer Electronics and Smart Home

Suitable for smart home control panels and portable appliances requiring microcontroller control and outdoor visibility, such as balcony switch screens and camping equipment displays.



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