



## 7 Inch 1024x600 Resolution MIPI Interface IPS TFT LCD Display with 300 Cd/m2 Brightness and Capacitive Touch Screen

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO9001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.7-7usd
- Packaging Details: CARTON
- Delivery Time: 3-4WEEKS
- Payment Terms: T/T
- Supply Ability: 100000/MONTH



### Product Specification

- Interface: MIPI
- Operating Temp: -20°C To +70°C
- Viewing Angle: 85°/85°/85°/85° (Left/Right/Up/Down)
- Backlighttype: LED
- Screen Type: TFT LCD
- Surface Luminance: 300 Cd/m2 (Customizable)
- Display Mode: Normal Black
- Resolution: 1024 X 600 Pixels
- Highlight: **7 inch IPS TFT LCD display ,  
1024x600 resolution MIPI LCD screen ,  
capacitive touch screen TFT display**



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## Product Description

# 7 Inch 1024x600 MIPI Interface with CTP IPS TFT LCD Display

## Product Specifications

Keywords	7" Inch TFT
Resolution	1024x600 Dots
LCM Interface	MIPI
Touch Screen	CTP (Capacitive Touch Screen)
Cover Glass Dimension	Gorilla Cover Glass
LED Lifetime	40,000 Hours
Viewing Direction	All Viewing Angle (80/80/80/80)
Surface Luminance	300 Cd/m <sup>2</sup>
Pins	30 Pins
CTP Interface	I2C
Operating Temperature	-20 To +70

## Product Overview

This 7-inch IPS TFT liquid display module features a resolution of 1024×600 (WSVGA), capacitive touch screen (CTP), and MIPI-DSI high-speed interface. Designed for embedded and intelligent devices, it balances high-definition display, full viewing angle, and touch interaction capabilities.

## Core Features

**Display Performance:** 1024×600 resolution (16:9 widescreen), approximately 170 PPI for clear text and images

**Panel Technology:** IPS with 178° full viewing angle, no color deviation from any direction

**Brightness & Contrast:** Typical 300-1000 cd/m<sup>2</sup>, contrast 800:1, outdoor viewing model up to 1500 cd/m<sup>2</sup>

**Color:** 16.7M colors (8 bit), color gamut approximately 72% NTSC

**Touch & Interface:** Capacitive touch screen (CTP) supporting 5-10 point touch with fast response and low error rate (I<sup>2</sup>C interface)

**Display Interface:** MIPI-DSI (30-40 Pin FPC) with low power consumption and high speed, suitable for ARM/embedded platforms

**Physical & Environmental:** Module size approximately 164×97×2.6-5.3 mm; effective display area 154.21×85.92 mm

**Operating Temperature:** -20°C to +70°C, industrial grade available at -30°C to +85°C

**Power Consumption:** Low power consumption design, ideal for battery-powered devices

## Main Applications

**Industrial Control:** PLC human-machine interface (HMI), industrial tablet, equipment control panel with stable anti-interference

**Vehicle Terminal:** Navigation, dashboard, rear entertainment screen with wide viewing angle and high brightness suitable for vehicle environment

**Medical Equipment:** Monitor, portable diagnostic instrument with precise touch and clear display meeting medical grade requirements

**Smart Home:** Central control panel, smart speaker with screen, video intercom with friendly interaction and beautiful interface

**Internet of Things (IoT) Terminal:** Smart gateway, data collector, self-service terminal with low power consumption and high integration

**Consumer Electronics:** Portable game console, educational tablet, digital photo frame balancing picture quality and cost

## Product Drawing


## Our Service

- Free repair within one year after product shipment
- Replacement within 30 days after shipment for product-related issues
- Custom logo printing and model number application available
- Established shipping partnerships with volume discounts
- Professional technical support and responsive after-sales service team
- All goods inspected and tested by engineers and QC/QA before packing and shipment
- 24-hour response time for customer inquiries and issues
- Customization services available based on customer specifications or drawings

## Frequently Asked Questions

### I want an LCD display with 8 digits and outline size of 65x30x2.8mm. Is this possible?

Yes, please send us your specification or drawing. If you don't have specifications, provide samples and we'll recommend suitable options or customize based on your requirements.

### This LCD is what we want, but the size is too large. Do you have smaller sizes? Also, the display content needs minor changes.

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

### This LCD display is HTN type, but I want STN type. Can you make it?

Yes, we can change the display type according to your request.

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

Yes, please send your drawing. If unavailable, provide outline size, display information (glass thickness, polarizer, display type, connector mode, storage/operating temperature, supply voltage, viewing direction, drive conditions) and we can customize for you.

### What is the lead time for tooling?

Typically 15 to 25 days after drawing confirmation and tooling charge payment. Exact timing will be confirmed upon drawing approval.

### Can you send samples for checking?

Yes, sample orders are available.

### What is the lead time?

For standard products in stock: one day after payment. For mass production of special orders: approximately 15-30 days. We'll notify you if we can complete earlier.



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