

1.77 Inch 128*160 Small TFT LCD Display with ST7262 Driver and RGB 24bit Interface

Our Product Introduction

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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: 3-4WEEKS
- Payment Terms: T/T
- Supply Ability: 100000/MONTH



Product Specification

- Operating Temperature: -20°C To 70°C
- Interface: RGB 24bit
- Operating Voltage: 3.3V
- Module Size: 34.00*43.70*2.5
- Driver Ic: ST7262
- Viewing Angle: All
- Backlight Type: LED
- Brightness: 300 Cd/m²
- Highlight: **1.77 Inch Small TFT LCD Display ,
128*160 Resolution TFT LCD Screen,
ST7262 Driver LCD Module**



Product Description

40 Pin ST7262 1.77 Inch 128×160 Small TFT LCD Display

Technical Specifications

Size (inch)	1.77
Resolution	128×160
Active Area (mm)	28.03×35.04
Pixel Pitch (μm)	73×219
Outline Dimension (mm)	34.00×43.70×2.5
Pixel Arrangement	RGB Vertical Stripe
Display Mode	Normally Black
Viewing Angle	ALL
Display Colors	262K
Brightness (cd/m ²)	300
Contrast Ratio	300:1
Interface	RGB 24bit
Back-light	LED Side-light type
Driver IC	ST7262
Operation Temperature (°C)	-20~70
Storage Temperature (°C)	-30~80
Response Time (ms)	30
Pin Number	40

Product Overview

The 40-pin ST7262 1.77-inch 128×160 TFT LCD display delivers high-performance true-color technology with QQVGA resolution, providing clear, detailed imagery with natural color transitions on a compact screen.

Key Features

- ST7262 driver IC with integrated digital timing generator and source driver
- Multiple interface support for efficient data transmission
- 40-pin FPC (flexible circuit board) connection for easy assembly
- Flexible design accommodates various installation requirements
- 3.3V operating voltage with wide temperature range operation

Applications

This compact display is ideal for smart wearable devices (watches, fitness trackers), handheld gaming consoles, portable instruments, smart home control panels, embedded systems, electronic photo frames, and maker projects.



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 unavailable, provide samples and we'll recommend suitable standard products or customize to your requirements.

This LCD is what we want, but it's too big. Do you have smaller sizes? The display content needs minor changes.

For segment type LCD modules requiring size or content modifications, we create new LCD glass modules with custom tooling.

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

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

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

Yes, we offer custom LCD modules. Please provide your drawing or specifications including outline size, display information, glass thickness, polarizer, display type, connector mode, temperature ranges, supply voltage, viewing direction, and drive conditions.

What is the lead time for tooling?

Typically 15-25 days after drawing confirmation and tooling payment. We'll provide exact timelines upon drawing approval.

Can you send us samples for checking?

Yes, sample orders are available for quality verification.

What is the lead time?

Standard products in stock ship within one day after payment. Mass production for custom orders typically takes 15-30 days, with earlier completion updates provided.



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