

1.47 inch TFT LCD Display with 200 cd/m² Brightness 262K Colors and SPI Interface for Industrial Control

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

- Colors: 262K
- Outline Size: 19.65(H)*36.76(V)*1.6(D)mm
- Backlight Type: LED
- Lcd Type: IPS
- Screen Size: 1.47inches
- Touchscreen: Customized
- Brightness: 200 Cd/m²
- Display Mode: Normally White, Transmissive
- Highlight: **200 cd/m² brightness TFT LCD Display , 262K colors LCD Module, SPI interface TFT Screen**



1.47" SPI TFT LCD Display Module - Small Size 172x320 TFT LCD



Technical Specifications

Resolution	172 x 320 pixels
Size	1.47 Inch
Viewing Direction	RGB
TFT Mode	TFT, Transmissive
Outline Size	19.65(H) x 36.76(V) x 1.6(D) mm
Brightness	200 Nits
Display Mode	Normally White, Transmissive
Interface Type	SPI/MCU / 80-System 8 Bits Parallel Bus
Controller/Driver	ST7789V3

Key Features

- High-quality TFT display with 262K colors for vivid image reproduction
- Fast response time (20-30ms) for smooth dynamic scenes
- Low power consumption ideal for portable devices
- Wide operating temperature range (-20 to 70)
- IPS viewing angle for minimal distortion
- Compact size (1.47") perfect for space-constrained applications

Performance Parameters

- Screen size: 1.47 inches diagonal, ideal for compact devices.
- Resolution: 172x320 pixels provides sharp image and text display.
- SPI interface enables high-speed data transmission with simple integration.
- ST7789V3 driver chip ensures stable operation with multiple display modes.
- Brightness: 300-500 CD/M² with 1000:1 contrast ratio for excellent visibility.
- Wide viewing angle maintains image quality from different perspectives.

Applications

- Smartwatches for time and fitness data display

Handheld game consoles with smooth graphics
Industrial control systems for equipment monitoring
Smart home devices like locks and cameras
Medical equipment including portable monitors



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