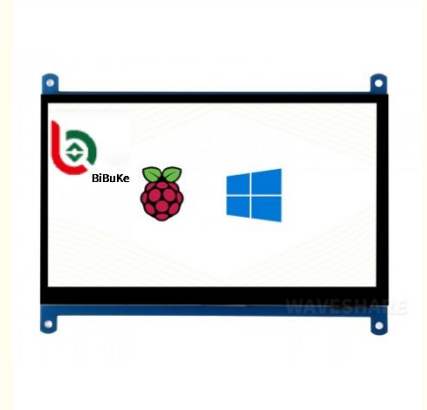


7 Inch HDMI TFT LCD Display With Capacitive Touch Screen For Raspberry Pi And Industrial Applications

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

- Color Depth: 16.7 Million True Colors
- Touch Screen: CTP
- Screentype: LCD TFT
- CTP Interface: USB
- Brightness: 500-1000 Cd/m²
- Lcd Type: IPS
- Viewing Direction: All Viewing Angle(85/85/85/85)
- Product Type: TFT LCD Screen
- Highlight: **7 Inch TFT LCD Display ,
Capacitive Touch Screen LCD TFT Screen ,
HDMI Interface TFT LCD Module**



7 Inch HDMI TFT LCD Display With Capacitive Touch Screen

A professional 7-inch HDMI TFT LCD display module featuring capacitive touch screen technology, designed for embedded systems, industrial applications, and maker projects.

Keywords	7 Inch HDMI TFT LCD
Resolution	1024x600 Pixels
Signal Supported	HDMI 480i,480p,576i,576p,720p,1080i,1080p
CTP Interface	USB
Compatible With	Raspberry Pi
Viewing Direction	IPS All Viewing Angle(85/85/85/85)
Surface Luminance	500 Cd/m ² - 1000 Cd/m ²
Touch Screen	CTP (Capacitive Touch Screen)
Power Input	USB Input 5V(+/-0.5V)
Support	Raspbian, Ubuntu, WIN10 IOT And Other Systems
LED Lifetime	40,000 Hours
Operating Temp.	-20 To +70
Storage Temp.	-30 To +80
Mainboard Standby Power Consumption	0.25W
Audio Output	8Ω1.5W
Button (reserved)	POWER,MENU,UP,DOWN,EXIT
Certificate	ISO9001:2015 / ISO1400:2015
Compliance	REACH & RoHS Compliant

Product Core Features

- 7-inch IPS TFT LCD panel with 1024*600 resolution supporting 16.7 million colors
- HDMI video interface with USB capacitive touch (Micro-USB/Type-C)
- Plug-and-play compatibility with Windows, Linux, Raspberry Pi, and Jetson systems
- 170°-178° full viewing angle IPS technology
- Brightness range of 300-350 cd/m² (higher options available for industrial models)
- 5-point or 10-point multi-touch capacitive screen with tempered glass protection
- 5V DC power supply with backlight PWM dimming support
- Standard screw hole mounting for easy cabinet or equipment integration

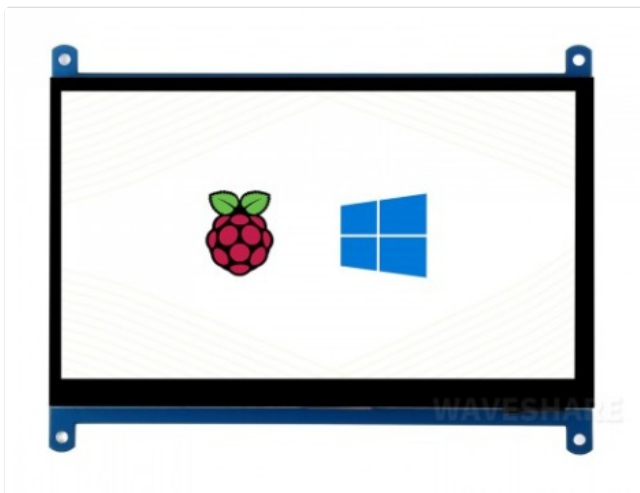
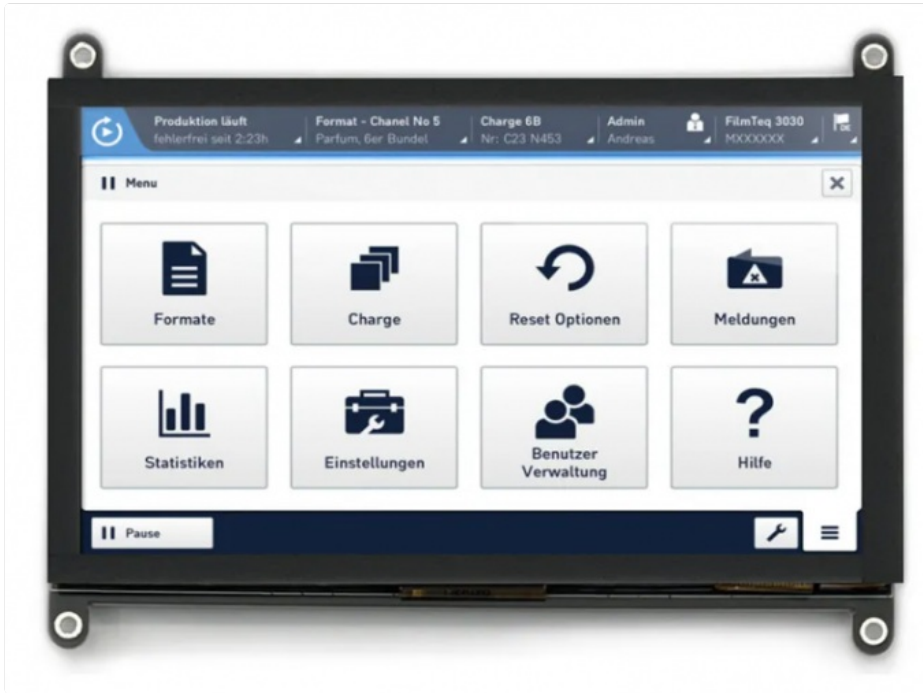
Typical Applications

Maker & Open Source Hardware: Raspberry Pi upper computer display, robot control, smart home central control, 3D printer touch screen, retro game console

Industrial Control & Medical Equipment: Small PLC systems, frequency converters, handheld detectors, portable ultrasound/monitoring devices, industrial operation panels

Commercial Retail & Self-service: Small ordering machines, cash register secondary screens, hotel room control, courier cabinet operation interfaces

Vehicle & Security: RV/truck navigation secondary screens, rearview mirror displays, vehicle monitoring system touch panels



Frequently Asked Questions

I want the LCD display 8 digits and the outline size is 65x30x2.8mm. Is this possible?

Yes, we can accommodate custom specifications. Please send us your detailed specification or drawing. If you don't have specifications, you can 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 big. Do you have smaller sizes? Can the display content be modified?

For segment type LCD modules requiring size modifications or display content changes, we need to create a new LCD glass module, which requires new tooling development.

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

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

Can you customize a new LCD module for our specific needs?

Yes, we specialize in custom LCD modules. Please send your drawing or provide the outline size, display information (glass thickness, polarizer, display type, connector mode, storage/operating temperature, supply voltage, viewing direction, drive conditions).

What is the lead time for tooling development?

Typically 15 to 25 days after drawing confirmation and tooling charge payment. We'll provide exact timelines once we review your specifications.

Can you send samples for evaluation?

Yes, sample orders are available for product evaluation.

What is your standard lead time for production?

For standard products in stock, lead time is one day after payment. For mass production of special orders, lead time is approximately 15-30 days. We'll notify you immediately if we can complete orders sooner.



Dongguan Bibuke Electronic Technology Co., Ltd.



+8613711912723



Jack@smartwinlcd.cn



lcdftscreen.com

Shangyu Commercial Centre Chang'an, Dongguan, Guangdong, China 523881