

# 7-INCH TOUCHSCREEN DISPLAY KIT

Arduino UNO Q Ecosystem Expansion | Touch Display for Arduino UNO Q



## PRODUCT POSITIONING

Exclusively designed for Arduino UNO Q, this official matching touchscreen allows you to upgrade your UNO Q into a graphical touch terminal instantly. No driver debugging, no hardware modification—just plug in and play, making HMI development easier than ever.

### KIT CONTENTS:

- 7-inch Capacitive Touchscreen × 1
- Dedicated Carrier Board × 1
- Connection Cables & Mounting Screws (Pre-assembled)

Combine with your Arduino UNO Q board—three parts, ready to use right out of the box.

Arduino UNO Q Ecosystem Expansion

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The Official Touch Display for Arduino UNO Q

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### CORE ADVANTAGES

#### 100% COMPATIBLE, ZERO BARRIER

Hardware interfaces are perfectly matched with Arduino UNO Q. The physical dimensions and power logic have been fully tested and verified.

#### 7-INCH LARGE SCREEN, CLEAR TOUCH

- Touch Points: 10-point capacitive touch
- Viewing Angle: Full viewing angle
- Brightness: 300 cd/m<sup>2</sup> (adjustable by software)

#### INTEGRATED CARRIER BOARD, EXPANSION WORRY-FREE

The screen connects to the carrier board via FPC cable, providing stable power supply, signal conversion, and interface adaptation—ensuring a tidy and reliable structure.

### WHY CHOOSE THE OFFICIAL MATCHING DISPLAY?

**Generic Screens:** You need to do your own wiring, write low-level drivers, and repeatedly debug touch inversion issues.

**Arduino UNO Q Ecosystem Display:** Plug-and-play out of the box, fully compatible in software, with fixed and reliable hardware structure.



### TYPICAL APPLICATION SCENARIOS

| Scenario                     | Description                                                                     |
|------------------------------|---------------------------------------------------------------------------------|
| Smart Home Control Panel     | Display temperature, humidity, lighting status, and control switches via touch. |
| Industrial Handheld Terminal | Works with UNO Q's RS485/CAN interfaces as a parameter configuration panel.     |
| Education & Programming      | Students can visually view sensor data curves and modify variables via touch.   |
| Multimedia Control Console   | Play video clips, display menus, and use touch to select functions.             |

### PURCHASE OPTIONS

You can purchase the 7-inch touchscreen display separately, or buy it together with the Carrier Board.

**IN ONE SENTENCE:**  
A 7-inch touchscreen that instantly gives your Arduino UNO Q a powerful and rich HMI experience.

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