**Beetronics**
2093 Philadelphia Pike #4945, Claymont, DE 19703, United States
(323) 433-1644 · info@beetronics.com

Model: 12TSV7M

# 12 Inch Touchscreen Metal (4:3)

View Product Online














## Features

- 4:3 multi-touch panel
- Input: HDMI, DisplayPort, USB-C, VGA
- Mounting: Flush, embedded, wall, desktop
- External dimensions: 11.0 x 8.8 x 1.7 inches

This 12 inch touchscreen has a reliable multi-touch panel with a 4:3 aspect ratio. The monitor delivers excellent 178° viewing angles and is compatible with Windows, Mac & Linux operating systems. The touchscreen monitor is designed for professional applications, easy to integrate and suitable for intensive use.

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## General

| | |
|---|---|
| Manufacturer | Beetronics |
| Product Line | Touchscreen Series |
| Product Name | 12 Inch Touchscreen Metal (4:3) |
| Item Number | 12TSV7M |
| Previous Model | 12TS4M |
| Product Type | Touchscreen |
| Warranty | 2 Years |
| User Manual | Download PDF |
| Quickstart | Download PDF |

## Display Architecture

| | |
|---|---|
| Aspect Ratio | 4:3 |
| Native Resolution | 1024 x 768 |
| Pixels Per Inch | 83 PPI |
| Diagonal Size | 12.1 Inches (307 mm) |
| Panel Type | IPS-LCD |
| Backlight | LED |
| Surface | Tempered Glass |
| Supported Orientation | Landscape, Portrait, Face-up |

## Display Performance

| | |
|---|---|
| Maximum Brightness | 350 nits (typical) |
| Minimum Brightness | 1 nit |
| Contrast | 800:1 |
| Viewing Angle | 178° Horizontal, 178° Vertical |
| Response Time | 10 ms |
| Supported Resolutions | 1920 x 1080 (max), 640 x 480 (min) |

## Touch Technology

| | |
|---|---|
| Touch Technology | Capacitive (PCAP) |
| Touch Points | 10-Point (Multi-Touch) |
| Touch Interface | USB HID-Compliant |
| Touch Control | Stylus, Hand, Glove |
| Gesture Support | Tap, Swipe, Scroll, Pinch-to-Zoom (dependent on host system OS and application) |

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## Operational Features

| | |
|---|---|
| Audio | Dual Integrated Speakers |
| Key-Lock | The control buttons can be blocked. |
| Auto-On | Automatically powers on when it receives current or a signal. |
| Dimmable | Adjustable backlight brightness via remote control or optional dimmer. |

## Software & Compatibility

| | |
|---|---|
| Windows | Windows 8, 10, 11 |
| Windows Embedded | Windows Embedded 8 Industry, 8.1 Industry, IoT Enterprise |
| macOS | Tahoe, Sequoia, Sonoma |
| Linux | All Linux Distributions |
| Brightsign | All BrightsignOS Versions |
| Samsung DeX | All Samsung DeX Versions |

## Connectivity

| | |
|---|---|
| HDMI | 1x |
| DisplayPort | 1x |
| VGA | 1x |
| USB-C | 1x Video, Audio, Touch |
| USB-A | Via USB-C to USB-A adapter. This only activates the touch functionality and should be combined with HDMI, the DisplayPort, or VGA for image display. |
| AUX Output (3.5 mm) | 1x |

## Mechanical

| | |
|---|---|
| Dimensions (Without Stand) | 11.0 x 8.8 x 1.7 Inches |
| Active Area | 10.4 x 7.3 Inches |
| Weight | 4.2 lbs (5.5 lbs With Stand) |
| Color | Black |

## Mounting

| | |
|---|---|
| Wall Mount | VESA 75x75mm |
| Flush Mount | Mounting Strips Included |
| Stand | Adjustable and Detachable |
| Supported Mounting Orientations | Landscape, Portrait, Face-up |

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## Power

| | |
|---|---|
| Input Voltage | 19V DC |
| Operating Voltage Range | 9-36V DC |
| Power Consumption | 11 W (On), 0.4 W (Standby) |
| Power Supply | External DC Power Supply Included |
| Included Power Adapter | Input: 100-240V AC, 50/60Hz, Output: 19V DC, 1.5A |
| Power Connector | 5.5 mm × 2.1 mm DC Barrel Connector |
| DC Cable Length | 4.9 ft |
| AC Power Cord Length | 3.3 ft |

## Environmental

| | |
|---|---|
| Max. Non-Stop Operating Time | 24/7 |
| Operating Temperature | -10°C to +60°C (14°F to 140°F) |
| Storage Temperature | -20°C to +70°C (-4°F to 158°F) |
| Operating Humidity | 10% - 90% Non-Condensing |
| Ingress Protection (IP) | IP65 Front Panel |
| Impact Protection (IK) | IK08 |
| MTBF | 50K |

## Compliance & Regulations

| | |
|---|---|
| Regional Standards | CE, UKCA, FCC (Part 15), ISED (ICES-003) |
| Environmental Standards | RoHS, REACH, WEEE, California Proposition 65, Conflict Minerals (3TG; supplier declaration-based) |
| Industry Standards | Maritime: IEC 60945, DNV-CG-0339 (Requires BEE-PSU1-MAR); Railway: EN 50155, EN 45545-2; Automotive: e-Mark, UN ECE R10, SAE J1113, SAE J1455 |
| Compliance Scope | Standards and certifications apply to the tested product configuration using the specified power supply. Final system-level compliance remains the responsibility of the party responsible for system integration. |
| Compliance Statement | Download PDF |

## Package Content

| | |
|---|---|
| Includes | Touchscreen, USB-C to USB-C Cable, USB-C to USB-A Cable, Mounting Strips, Stand, Remote Control, Power Adapter, Quickstart |

## Compatible Accessories

| | |
|---|---|
| Infrared Extension | Compatible With Infrared Extender (IRC7) |
| Dimmer | Compatible With External Dimmer (DMK7/DMK8) |
| Rack Mounting | Compatible With 19 Inch Rack Mount Kit (RMK2) |
| Wall Mounting | Compatible With Flat Wall Mount Bracket (VWB1) |
| Stand | VDK3 Included as Standard |
| Touch Pen | Compatible With CTS7 Capacitive Touchscreen Stylus |

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