

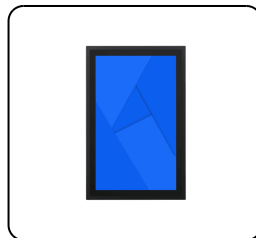


Model: 13TS7M

## 13 Inch Touchscreen Metal

This Full HD 13 inch touchscreen has a reliable multi-touch panel which ensures accurate operation. The 13TS7M delivers best-in-class picture quality with 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.

- ✓ Full HD multi-touch panel
- ✓ Input: HDMI, DisplayPort, USB-C, VGA
- ✓ Mounting: Flush, embedded, wall, desktop
- ✓ External dimensions: 328 x 206 x 41 mm



## General

|                |                              |
|----------------|------------------------------|
| Manufacturer   | Beetronics                   |
| Product Line   | Touchscreen Series           |
| Product Name   | 13 Inch Touchscreen Metal    |
| Item Number    | 13TS7M                       |
| Previous Model | 13TS4M                       |
| Product Type   | Touchscreen                  |
| Warranty       | 2 Years                      |
| User Manual    | <a href="#">Download PDF</a> |
| Quickstart     | <a href="#">Download PDF</a> |

## Display Architecture

|                       |                              |
|-----------------------|------------------------------|
| Aspect Ratio          | 16:9 (4:3 Adjustable)        |
| Native Resolution     | 1920 x 1080                  |
| Pixels Per Inch       | 166 PPI                      |
| Diagonal Size         | 13.3 Inches (338 mm)         |
| Panel Type            | IPS-LCD                      |
| Backlight             | LED                          |
| Surface               | Tempered glas                |
| Supported Orientation | Landscape, Portrait, Face-up |

## Display Performance

|                       |                                    |
|-----------------------|------------------------------------|
| Maximum Brightness    | 300 nits (typical)                 |
| Minimum Brightness    | 1 nit                              |
| Contrast              | 1400:1                             |
| 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) |

## 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 Input (3.5mm)   | 1x                                                                                                                                                   |
| AUX Output (3.5 mm) | 1x                                                                                                                                                   |

## Mechanical

|                            |                               |
|----------------------------|-------------------------------|
| Dimensions (Without Stand) | 328 x 206 x 41 mm             |
| Active Area                | 312 x 188 mm                  |
| Weight                     | 2000 Grams (Grams With Stand) |
| Colour                     | Black                         |
| Thickness                  | 41 mm                         |

## Mounting

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

## Power

|                                |                                               |
|--------------------------------|-----------------------------------------------|
| Input Voltage                  | DC 9-36V                                      |
| Consumption                    | 12 W (On), 0.4 W (Standby)                    |
| Power Supply                   | External DC (Power Adapter Included)          |
| Power Adapter                  | Input: AC100-240V, 50/60Hz , Output: 19V-1.5A |
| Power Adapter Output Connector | DC Barrel Plug 2.1mm x 5.5mm                  |

## 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), CCC                                                                                                                                                                      |
| 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; Medical: EN 60601-1, EN 60601-1-2 (Requires BEE-PSU1-MED)           |
| 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    | <a href="#">Download PDF</a>                                                                                                                                                                                       |

## 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 | <a href="#">Compatible With Infrared Extender (IRC7)</a>           |
| Dimmer             | <a href="#">Compatible With External Dimmer (DMK7/DMK8)</a>        |
| Rack Mounting      | <a href="#">Compatible With 19 Inch Rack Mount Kit (RMK2)</a>      |
| Wall Mounting      | <a href="#">Compatible With Flat Wall Mount Bracket (VWB1)</a>     |
| Stand              | VDK4 Included as Standard                                          |
| Touch Pen          | <a href="#">Compatible With CTS7 Capacitive Touchscreen Stylus</a> |



