

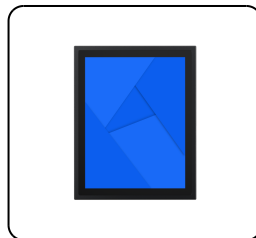
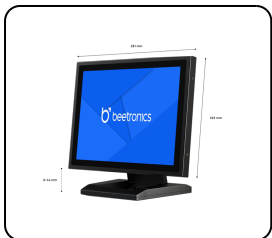


Model: 12TSV7M

## 12 Inch Touchscreen Metal (4:3)

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.

- ✓ 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



## 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	<a href="#">Download PDF</a>
Quickstart	<a href="#">Download PDF</a>

## 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)

## 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

## 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 x 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), 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
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
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## 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	VDK3 Included as Standard
Touch Pen	<a href="#">Compatible With CTS7 Capacitive Touchscreen Stylus</a>



