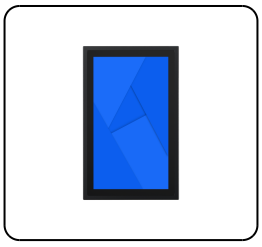
Model: 12TS7M

12 Inch Touchscreen Metal

This Full HD 12 inch touchscreen has a reliable multi-touch panel which ensures accurate operation. The 12TS7M 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, wall, desktop
- External dimensions: 11.7 x 7.3 x 1.6 inches



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General

Manufacturer	Beetronics
Product Line	Touchscreen Series
Product Name	12 Inch Touchscreen Metal
Item Number	12TS7M
Previous Model	12TS5M
Product Type	Touchscreen
Warranty	2 Years
User Manual	Download PDF
Quickstart	Download PDF

Display Architecture

Aspect Ratio	16:9 (4:3 Adjustable)
Native Resolution	1920 x 1080
Pixels Per Inch	190 PPi
Diagonal Size	11.6 Inches (296 mm)
Panel Type	IPS-LCD
Backlight	LED
Surface	Tempered Glass
Supported Orientation	Landscape, Portrait, Face-up

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Display Performance

Maximum Brightness	300 nits (typical)
Minimum Brightness	1 nit
Contrast	1000:1
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.

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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)	11.7 x 7.3 x 1.6 Inches
Active Area	11.1 x 6.7 Inches
Weight	3.1 lbs (4.4 lbs With Stand)
Colour	Black

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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 × 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

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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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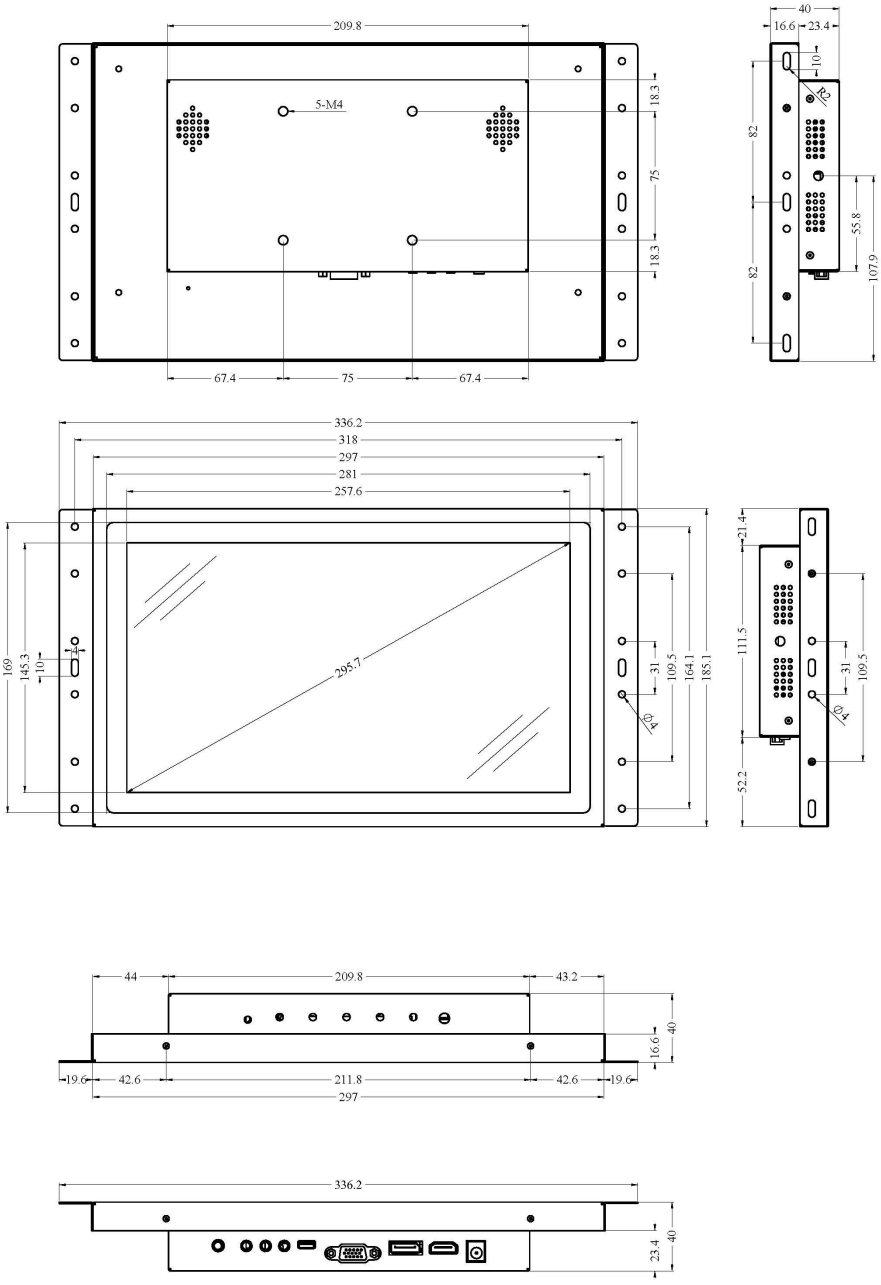

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