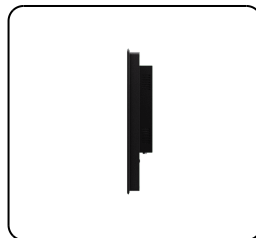
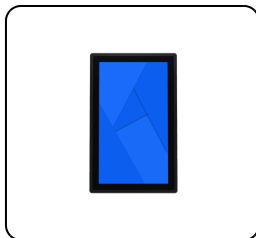


Model: 15HB9M/U1

15 Inch Touchscreen Metal (High Brightness)

- ✓ High brightness full HD multi-touch panel
- ✓ Input: HDMI, DisplayPort, USB-C, VGA
- ✓ Mounting: Flush, embedded, panel mount
- ✓ External dimensions: 15.7 x 9.8 x 1.7 inches



General

| | |
|--------------|---|
| Manufacturer | Beetronics |
| Product Line | High Brightness Series |
| Product Name | 15 Inch Touchscreen Metal (High Brightness) |
| Item Number | 15HB9M/U1 |
| 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 | 146 PPI |
| Diagonal Size | 15.6 Inches (395 mm) |
| Surface | Tempered Glass, Matte Finish |
| Supported Orientation | Landscape, Portrait, Face-up |

Display Performance

| | |
|-----------------------|------------------------------------|
| Maximum Brightness | 1000 nits (typical) |
| Minimum Brightness | 1 nit |
| Contrast | 1000:1 |
| Viewing Angle | 170° Horizontal, 170° Vertical |
| Supported Resolutions | 1920 x 1080 (max), 640 x 480 (min) |

Touch Technology

| | |
|------------------|---|
| Touch Technology | Capacitive (PCAP), Optically Bonded |
| 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, optional dimmer, or an integrated ambient light sensor for automatic brightness adjustment. Dimming thresholds can be configured. |

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 |
| ChromeOS | All ChromeOS Versions |
| 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) | 15.7 x 9.8 x 1.7 Inches |
| Active Area | 13.5 x 7.6 Inches |
| Weight | 6.7 lbs |
| Color | Black |

Mounting

| | |
|---------------------------------|------------------------------------|
| Wall Mount | ✔ VESA 75x75mm |
| Flush Mount | ✔ Panel Mount Accessories Included |
| Supported Mounting Orientations | Landscape, Portrait, Face-up |

Power

| | |
|--------------------------------|---|
| Input Voltage | DC 10-36V |
| Consumption | 25 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

| | |
|-------------------------|---------------------------------|
| Operating Temperature | -20°C to +70°C (-4°F to 158°F) |
| Storage Temperature | -30°C to +80°C (-22°F to 176°F) |
| Operating Humidity | 10% - 90% Non-Condensing |
| Ingress Protection (IP) | IP66 When Panel Mounted |
| 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 | Download PDF |

Package Content

| | |
|----------|---|
| Includes | Touchscreen, USB-C to USB-C Cable, USB-C to USB-A Cable, Mounting Clamps (8x), Mounting Strips (8x), Screws (8x), Remote Control, Power Adapter, Quickstart |
|----------|---|

Compatible Accessories

| | |
|---------------|--|
| Dimmer | Compatible With External Dimmer (DMK7/DMK8) |
| Wall Mounting | Compatible With Flat Wall Mount Bracket (VWB1) |
| Touch Pen | Compatible With CTS7 Capacitive Touchscreen Stylus |



