



Planar HB86

4K Touch Screen Collaboration Display

The Planar HB86 is an 86" huddle board display with 4K resolution and pinpoint-accurate, 20-point Projected Capacitive touch, designed for in-room and remote collaboration. It features an embedded Android® operating system with a digital whiteboard and is pre-loaded and collaboration applications. The display also has wireless connectivity and an OPS slot to support external devices such as a Window 10 PC. The display's passive and active stylus pens help ensure efficiency.

The Planar HB86 huddle board is compliant with United States Trade Agreements Act (TAA) regulations.



| SPECIFICATION | DETAIL |
|---------------------------------|---|
| Product Name | HB86 |
| Planar Part Number | 998-2159-00 |
| Protective Glass | 2mm with AG coating |
| Touch Technology | In-Cell Projected Capacitive (PCAP) 20 point touch |
| Touch Interface | USB-B |
| OS Compatibility | Internal: Android; External; Windows 8, 10, and Linux |
| Display Resolution | Ultra HD (3840 x 2160) |
| Screen Size | 86 in. (diagonal) |
| Aspect Ratio | 16:9 |
| Display Technology | IPS LCD |
| Display Active Area | 74.6" x 42.0" (1895mm x 1066mm) |
| Viewing Angle (typ) | 178° |
| Backlight | Direct-Lit LED |
| Backlight life (1/2 brightness) | 30,000 hrs (min) |
| Brightness | 350 nits |
| Response Time (typ) | 8 ms |
| Frame Rate | 60Hz |
| Contrast Ratio (typ) | 1000:1 |
| Pixel Pitch | 0.4935mm x 0.4935mm |

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| Color Gamut | 72% NTSC |
| Display Color | >1 billion colors. Full 10 bit data path |
| External Connections | DisplayPort 1.2 x 1, HDMI 2.0 x 3 (HDCP 2.2), HDMI out, VGA x 1, USB-B (for touch controller), microSD slot, USB 2.0 for external USB camera, OPS Slot |
| Modes | 3840x2160 @ 24/25/30/50/60Hz; 1080p @ 24/25/30/50/60Hz; 1080i @ 50/60 Hz |
| Display Control | LAN, WiFi (802.11 b/g/n, 2.4 GHz, 5 GHz), Bluetooth, RS232 In, IR, Keypad |
| Cabinet Dimensions (W x H x D) | 77.1" x 45.4" x 3.6" (1958mm x 1153mm x 92mm) |
| Orientation | Landscape |
| Bezel Width | 0.1" (3mm) |
| Inactive Area | 1.1" (27.9mm) |
| Weight | 139 lbs (63 kg) |
| Audio Input | PC Line In |
| Audio Output | PC Line Out, S/PDIF |
| Speakers | 15W x 2 built-in |
| Enclosure | All metal enclosure |
| Mounting | VESA: 800mm x 600mm |
| Fanless | Yes |
| Line Voltage | 100-240V; 50/60Hz |
| Power Consumption (typ) | 350W (standby: <0.5W) |
| Operating Temperature | 0° to +40°C (32° to 104°F) up to 3000m |
| Humidity | 20 - 85% RH (non-condensing) |
| Operating System | Proprietary OS based on Android 8.0. Google Play and third-party apps are not supported by Planar. |
| Video Processing | CPU: ARM A73 (x2) + ARM A53 (x2) Frequency: 1.5 GHz GPU: Mali-G51 RAM: 3GB DDR4 2400MHz Internal Storage: 32GB (22GB available) |
| Options / Features | Logo-free bezel, lockable rear keypad |
| Approvals | FCC Class A, CE, NRTL - United States and Canada |
| TAA Compliance | Yes |
| Warranty | 3 years |
| Recommended Usage | Up to 18x7 |
| In the Box | HB86 display, US power cord, HDMI cable, USB A to B cable, remote control, WiFi antenna x2, Bluetooth antenna x1, active stylus - x2, passive stylus - x2, cable clips, QuickStart Guide |
| UPC | 8 10689 00806 4 |

For more information, please visit www.planar.com

Specifications are subject to change without notice.

Specification Report Date: 10/19/2022

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