



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

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

For more information, please visit [www.planar.com](http://www.planar.com)

Specifications are subject to change without notice.

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