



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, Mac OSX 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

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), 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	Android 8.0
Video Processing	CPU: ARM A73 (x2) + ARM A53 (x2) Frequency: 1.5 GHz GPU: Mali-G51 RAM: 3GB DDR4 2400MHz
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: 7/3/2020

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