

FWD-85X90H

85" BRAVIA 4K Ultra HD HDR
Professional Display



Overview

Full Array LED with immersive contrast and cinematic sound

The BRAVIA FWD-85X90H reveals extraordinary levels of lifelike picture detail, with Full Array LED technology and X-tended Dynamic Range boosting contrast for brighter peak highlights and darker shadow areas.

Our powerful X1 processor enhances image detail and cuts noise for spectacular 4K HDR images that bring you closer to reality. Even lower-resolution pictures are upscaled close to 4K resolution, adding clarity to everything you're presenting or viewing.

Pristine 4K pictures are in harmony with cinematic sound. Discrete positioning tweeters help pinpoint the location of sound on the screen for precisely aligned audio.

Sleek, minimalist styling features a thin aluminium screen bezel that keeps audiences focused on your message without distractions.

The BRAVIA FWD-85X90H is ideally suited to professional use, with Pro mode allowing quick and easy customisation to suit different environments. The

Android platform lets you do more, with the display's intuitive built-in software platform broadening control and customisation options even further. Creating attractive digital signage is simple, mixing and displaying media files and online content with no need for additional hardware. A wide range of APIs (Application Programming Interface) options enable remote control/monitoring and integration with external systems.

Features

4K image resolution (3840 x 2160 pixels)

4K offers four times the detail of Full HD, with a resolution of over 8 million pixels bringing extra clarity to corporate display, education and digital signage applications.

Absolute control and contrast with Full Array LED

Full Array LED precisely balances light output across the screen, illuminating separate LED zones for more realistic contrast by making light areas lighter and dark areas darker.

More contrast, colour and clarity

Our 4K HDR Processor X1™ cleans and refines picture signals, using advanced algorithms to cut noise and boost detail. Even lower-resolution images are upscaled closer to 4K with lifelike colour and textures.

See finer detail

4K X-Reality PRO upscales pictures closer to true 4K quality. Images are sharpened and refined in real time, revealing extra detail from lower-resolution picture sources.

Even more real colour and contrast

Object-based HDR Remaster analyses and adjusts colour of individual on-screen objects, reproducing greater depth and textures for more realistic pictures.

Wider colour with TRILUMINOS Display

Powered by our X1 processor, TRILUMINOS Display maps colours from a wider palette, faithfully reproducing a world of more vivid, lifelike hues and tones.

Clearer, brighter fast-moving scenes

Latest X-Motion Clarity™ technology keeps on-screen movement smooth and clear, boosting brightness when needed so you don't miss a thing.

Beautifully matched pictures and sound

Sony's Acoustic Multi-Audio™ system combines two sound positioning tweeters at the back of the TV, enabling sound to follow the on-screen action for a truly immersive experience. (65" and above).

Works with Apple AirPlay2

With Apple AirPlay2 it's easy to stream video and sound to BRAVIA right from an iPhone, iPad or Mac.

Google Chromecast built in

Cast videos, games and apps from a mobile device directly to BRAVIA with Googlecast. Just tap the Cast button on your Android or iOS device screen and instantly enjoy super-sized on BRAVIA.

Flush surface, no distractions

BRAVIA features a luxuriously understated design with minimalist metal stand, slim aluminium frame and narrow bezel keeping you focused on what's important - the picture.

Do more with Android

Discover a world of apps and online content powered by the Android platform. Use Voice Search to find content easily without typing. Easily share content with Google Cast.

Quick set-up with Pro Mode

Customise and store display settings and features, then copy easily to multiple displays via USB flash memory.

Easily create digital signage

Integrated support for HTML5 makes it easy to produce compelling digital signage. Combine graphics, text, video and live web content to create attractive signage in minutes with no extra hardware or special training.

Specifications

TV System

Tuner	DVB-T/T2
Number of tuners	1 (Digital/Analog)

Display Features

Dimming Type	Local Dimming
Display Device	LCD
Backlight Type	Direct (Full Array LED)

Video Specs

Wide Mode	Auto/Wide zoom/Normal/Full/Zoom/14:9
4:3 Default	Yes

Video Processing	4K X-Reality PRO
Motionflow	X-Motion Clarity, Auto mode
Compatible with HDR	Yes (HDR10,HLG,Dolby Vision)
Video Signal	4096x2160p(24,50,60Hz), 3840x2160p(24,25,30,50,60Hz), 1080p(30,50,60,100,120Hz), 1080/24p, 1080i(50,60Hz), 720p(30,50,60Hz), 720/24p, 576p, 480p

Audio Specs

Speaker Position	Side Back + Down Firing
Audio Power Output	10W + 10W

Network Specs

Wi-Fi Direct	Yes
Wi-Fi Certified	Yes
DLNA	Home Network Client, Home Network Renderer
Miracast (Screen Mirroring)	Yes (only for B2B purpose)
Firmware Update	Yes
Internet Browser	Vewd

Wireless LAN	Integrated
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Convenience Features

USB Play (contents)	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV S):AVC,MPEG4,HEVC/AVI:Xvid,MotionJpeg/ASF(W
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On Screen Clock	Yes
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Sleep Timer	Yes
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On/Off Timer	Yes
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Google Cast	Yes
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Inputs and Outputs

HDCP	HDCP2.3 (for HDMI1/2/3/4)
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RF Connection Input(s)	1 (Side)
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Composite Video Input(s)	1 (Side)
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HDMI™ Connection(s) (Total)	4 (4 Side)
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Digital Audio Output(s)	1 (Side)
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USB	2 (Side)
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Ethernet Connection(s)	1 (Side)
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Design Features

Bezel Color	Black
Table Top Stand	Separate (assembly required)
VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch	400 x 400 mm

Eco and Energy Saving

Screen Size (Measured Diagonally)	85" (84.6")
Power Consumption (Rated)	318W
Power Consumption (in Standby)	[Jordan or UAE or Egypt]:0.50W, [Other]:0.5W
Lead Content	Yes
Mercury Content (mg)	0.0
Power Requirements	AC 220-240V
Power Saving Mode	

/ Back Light Off Mode	Yes
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Dynamic Backlight Control	Yes
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Light Sensor	Yes
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AC Power Input	C8 INLET (REAR)
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Measurements

Display Only (WxHxD) (Approx.)	Approx. 1899 x 1089 x 72 mm
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Display with Stand (WxHxD) (Approx.)	Approx. 1899 x 1162 x 441 mm
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Package Carton (WxHxD) (Approx.)	Approx. 2038 x 1235 x 260 mm
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Weight

Display Only	45.8
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Display with Stand	47.7
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Package Carton	62
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Display Specifications

Viewing Angle (Right/Left)	178 (89/89) degree
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Viewing Angle (Up/Down)	178 (89/89) degree
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Display Resolution	QFHD
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Aspect Ratio	16:9
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OS	Android 9.0 Pie
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Signage Specs

Easy HTML5 Signage embedded	Yes
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Multicast / IPTV	Yes
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Control Specs

Pro Mode	Yes
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IP Control	Yes
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HDMI Auto Wake-up	Yes
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Gallery

