

FWD-65Z9F

65" BRAVIA 4K HDR LED Professional Display



Overview

Spectacular 4K HDR images, ready for business

Bring eye-catching depth, contrast and resolution to your business with the FWD-65Z9F 65" BRAVIA® LED Professional Display, combining bright, beautiful 4K HDR image quality with easy operation, flexible networking/control and extensive integration options.

Ideally suited to professional use, BRAVIA harnesses our X1™ Ultimate picture processor to ensure vibrant high-contrast 4K HDR images. X-tended Dynamic Range PRO™ precisely adjusts light levels in each area of the scene for spectacular high-contrast images. TRILUMINOS™ Display maps colors from a wider palette, faithfully reproducing every shade and hue with compelling realism. X-Motion Clarity keeps on-screen movement smooth, bright and clear.

Integration in corporate environments is simplified by Pro mode, which allows easy customization of display settings to suit different applications.

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.

Spectacularly real 4K images

Our most powerful ever Picture Processor X1™ Ultimate features Object-based Super Resolution, Object-based HDR remaster and Super Bit Mapping™ 4K HDR for exceptionally detailed, realistic pictures with rich color and ultra-low noise.

Compatible with 4K HDR

With up to twelve times*¹ the contrast of conventional LED TVs, X-tended Dynamic Range™ PRO reproduces 4K HDR content with brighter, sparkling highlights and deep, dark blacks.

Consistent color with X-Wide Angle

Sony's original X-Wide Angle panel backlight design ensures that colors stay beautifully true, whether you're watching BRAVIA straight-on or viewing the screen from a side angle.

Smoother, brighter movement with X-Motion Clarity™

Latest-generation X-Motion Clarity technology keeps everything smooth, bright and clear — especially with fast-moving scenes. Each "blink" is individually controlled and its duration optimized, while brightness is boosted when needed.

Optimized for professional use

The FWD-65Z9F meets the needs of a wide range of business applications, with flexible installation options, plus wired and wireless network connection and serial communication control.

Easily create digital signage

Integrated support for HTML5 makes it easy to produce compelling digital signage, with no extra hardware or prior training needed. Combine graphics, text, 4K video, and live web content to create attractive signage in minutes.

Do more with Android TV

Discover a world of apps and online content powered by Android TV. Use Voice Search*² to easily find content without typing.

Easily share content with Google Cast*³

Send content to display on BRAVIA from other professional and personal devices, including laptops or Android/iOS phones and tablets.

Quick set-up with Pro Mode

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

Specifications

TV System	
Tuner	ATSC
Tuner(Cable)	Clear QAM
Number of tuners	1(Digital/Analog)
Display features	
Dimming type	Local Dimming
Display Device	LCD
Backlight type	Direct LED
Video specs	
Wide Mode	Wide Zoom/Normal/Full/Zoom
4:3 Default	Yes
Video Processing	4K X-Reality PRO
Motionflow	X-Motion Clarity
Compatible with HDR	Yes (HDR10, HLG, Dolby Vision)
Video Signal	4096 x 2160p (24, 60 Hz), 3840 x 2160p (24, 30, 60 Hz), 1080p (30, 60, 120 Hz), 1080/24p, 1080i (60 Hz), 720p (30, 60 Hz), 720/24p, 480p

Audio specs

Speaker position	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 (not pre-installed)
Wireless LAN	Integrated

Convenience features

USB Play (contents)	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4S):AVC,MPEG4,HEVC/AVI:Xvid,Mot inJpeg/ASF(WMV):VC1/MOV:AVC,MPEG
On screen clock	Yes
Sleep timer	Yes
On/Off timer	Yes
Google Cast	Yes

Inputs and outputs

HDCP	HDCP2.3 (for HDMI 1/2/3/4)
RF Connection Input(s)	1(Bottom)
Composite Video Input(s)	1 (Side)
HDMI™ Connection(s) (Total)	4 (1 side/3 bottom)
Digital Audio Output(s)	1 (Bottom)
USB	2 (side), 1 (bottom)
Ethernet Connection(s)	1 (Bottom)

Design features

Finish (Surface Color)	Black
Table Top Stand	Separate(assembly required)
VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch	11 7/8 x 11 7/8 inch / 300 x 300 mm

Eco and energy saving

Screen size (measured diagonally)	65" (64.5")
Power Consumption (Rated/standard)	280 W
Annual Power Consumption	315 kWh/Year
Power Consumption (in Standby)	0.5W
Power Requirements	AC 120V for UL cUL AC 110-240V for other
Power Saving Mode / Back Light Off Mode	Yes
Dynamic Backlight Control	Yes
Light Sensor	Yes
AC Power Input	1(REAR)

Measurements

Display Only (WxHxD) (Approx.)	57 1/4 x 33 x 2 3/4 (2 3/4) inch / 1453 x 837 x 67 (66.6) mm
Display with Stand (WxHxD) (Approx.)	57 1/4 x 35 3/4 x 12 3/8 inch / 1453 x 906 x 314 mm
Package Carton (WxHxD) (Approx.)	1565 x 984 x 196 mm / 61 5/8 x 38 3/4 x 7 3/4 inch

Weight

Display Only	62.17 lbs
Display with Stand	29.5 kg
Package Carton	83.78 lbs

Display specifications

Viewing angle (Right/Left)	178(89/89) degree
Viewing angle (Up/Down)	178(89/89) degree

Display resolution	QFHD
Aspect ratio	16:9
OS	Android 8.0 Oreo

Signage specs

Easy HTML5 Signage embedded	Yes
Multicast / IPTV	Yes

Control specs

RS-232C Control	1 (Bottom)
Hotel Mode Pro	Yes
IP Control	Yes
HDMI auto wake-up	Yes

Warranty information

Warranty	3-year commercial warranty
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Notes

*1	This is the perceptible contrast level expanded by X-tended Dynamic Range PRO technology, which is a unique figure calculated for the contrast that users actually feel and experience (XDR Contrast). This figure is based on our conventional TV without local dimming.
*2	Needs a remote control compatible with Voice Search.
*3	Requires compatible devices connected to the same network. Google Cast requires mobile devices with Android 2.3 or higher, or iOS 6.0 or higher and Chromecast application. Google Play using Android TV Remote Control application requires Android 4.0 or higher; not available for iOS. Voice Search is available using the included remote control, Android TV Remote Control application with Android 4.0 or higher, or using Sony's TV SideView application available for Android 4.0.3 or higher, or iOS 7.0 or higher.

Gallery

