



FW65BZ40H

65-inch BRAVIA 4K Ultra HD HDR Professional Display



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.

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.

Smooth, fluid on-screen action

X-Motion Clarity™ ensures smoother, more natural reproduction of rapidly moving on-screen images.

One Step Setting

A time-saver in corporate environments, One Step Setting optimizes picture and networking settings to suit meeting rooms and signage applications at the touch of a single button.

Reliable 24/7 operation

BRAVIA is engineered for dependable round-the-clock operation in the most demanding corporate and AV presentation environments.

Google Chromecast built in

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

Very high brightness and contrast

The high brightness, high contrast panel with Full Array local dimming is ideal for presenting 4K HDR (High Dynamic Range) content, revealing subtle detail in bright highlights and areas of dark shadow.

Rich, natural color with TRILUMINOS Display



TRILUMINOS Display maps colors from a wider palette, faithfully reproducing a world of more vivid, lifelike hues and tones.

Quick set-up with Pro Mode

Customize 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.

Cast content with Apple AirPlay2

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

Versatile remote control

Control BRAVIA remotely – including on/off, input signal select and adjust volume – over IP via RJ45 by web API or via RS-232C.

Connectivity when you need it most

The FW-65BZ40H supports Wi-Fi 5 GHz and 2.4 GHz as well as Bluetooth 4.2.

Specification

Display Features	
Dimming Type	Local Dimming
Display Device	LCD
Backlight Type	Direct (Full Array LED)
Brightness (cd/m2) (*1)	620 (Peak Brightness: 850 *1) *1 Typical value of the panel specification
Contrast Ratio (*1)	6000:1
Dynamic Contrast Ratio	550000:1
Response Time (ms) (*1)	8
Video Specs	
Wide Mode	Auto/Wide Zoom/Normal/Full/Zoom
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	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	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 (in Pro mode)
Firmware Update	Yes
Wireless LAN	Integrated
Convenience Features	
USB Play (contents)	MPEG1:MPEG1 / MPEG2PS:MPEG2 / MPEG2TS (HDV, AVCHD):MPEG2, AVC / MP4 (XAVCS):AVC, MPEG4, HEVC / AVI:Xvid, MotionJpeg / ASF (WMV):VC1 / MOV:AVC, MPEG4, MotionJpeg / MKV:Xvid, AVC, MPEG4, VP8.HEVC / WEBM:VP8 / 3GPP:MPEG4, AVC / MP3 / ASF (WMA) / LPCM / WAV / MP4AAC / FLAC / JPEG
On Screen Clock	Yes
Sleep Timer	Yes
On/Off Timer	Yes
Chromecast Built-in	Yes
Apple AirPlay	Yes
Inputs and Outputs	
HDCP	HDCP 2.3 (for HDMI 1/2/3/4)
Composite Video Input(s)	1 (Side)



HDMI™ Connection(s) (Total)	4 (4 Side)
Analog Audio Input(s) (Total)	1 (Side)
Digital Audio Output(s)	1 (Side)
USB	2 (Side)
Ethernet Connection(s)	1 (Side)
Design Features	
Bezel color	Black
Table Top Stand	Separate (assembly required)
VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch	11.81 x 11.81 inch
Eco and Energy Saving	
Screen Size (measured diagonally)	65" (64.5")
Power Consumption (Rated)	214 W
Power Consumption (in Standby)	0.5W
Power Requirements	AC 120 V for UL cUL , AC 110–240 V for other
Power Saving Mode / Back Light Off Mode	Yes
Dynamic Backlight Control	Yes
Light Sensor	Yes
AC Power Input	C8 INLET (REAR)
Measurements	
Display Only (W x H x D) (Approx.)	57.09 x 32.80 x 2.76 inch
Display with Stand (W x H x D) (Approx.)	57.09 x 35.55 x 13.31 inch
Package Carton (W x H x D) (Approx.)	61.97 x 37.72 x 7.24 inch
Weight	



Display Only	48 lb 15.08 oz
Display with Stand	51 lb 14oz
Package Carton	68 lb 34oz
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 9.0 Pie
Signage specs	
Easy HTML5 signage embedded	Yes
Multicast / IPTV	Yes
Control specs	
RS-232C Control	1 (Side)
Pro Mode	Yes
IP Control	Yes
HDMI auto wake-up	Yes