

FW-100BZ40J

100inch BRAVIA 4K Ultra HD
HDR Professional Display



Overview

The 100inch BRAVIA FW-100BZ40J combines bright, beautiful 4K pictures with business-friendly features.

Featuring Sony's powerful Cognitive Processor XR, the FW-100BZ40J delivers superb picture quality, with immersive images that combine amazing color, contrast, and clarity. The screen's Cognitive Processor XR uses cognitive intelligence to deliver sound and imagery optimized for human ears and eyes. The FW-100BZ40J also achieves high brightness of 600-nit (typical)/940-nit (peak) by Full Array Local Dimming backlight.

The robust and rigid FW-100BZ40J is designed with a wide range of B2B applications in mind, thanks to a symmetrical four-sided aluminum bezel and a carrying handle providing ease of mobility.

The display's powerful built-in Android OS System on an SoC platform ensures fast boot-up plus smooth apps, animations, and a seamless user experience.

Pro mode allows quick and easy customization to suit different environments including corporate, education, and digital signage, while One Step Setting optimizes set-up for signage and conference rooms at the touch of

a button. IP control capability allows easy installation with support from major key partners including Crestron, Extron, and Kramer. The FW-100BZ40J also features integrated mirroring functionality through both Chromecast built-in and AirPlay 2, providing a simple, quick, and touchless connection from a user's device.

For even greater peace of mind, BRAVIA includes the added reassurance of our 3 Year Advanced Exchange service as standard. If there's a problem we'll offer a free, brand-new replacement product rather than a repair.

Features

Cognitive Processor XR

When the different elements that make up a display picture are looked at individually and all elements adjusted to the same level, the results can feel artificial and take the viewer out of the experience. Using human perspective analysis, the Cognitive Processor XR cross-analyzes thousands of elements at once to create the perfect immersive picture, just as if it was happening in reality.

Rich, natural color with XR TRILUMINOS Pro

Powered by our Cognitive Processor XR, our FW-100BZ40J display reproduces color in a way that the human eye finds beautiful. See a wider palette of colors with an enhanced range of hue and saturation, allowing natural shades and precise details to be seen, even in dark scenes.

Spectacular brightness and contrast

With a peak brightness of 940 cd/m² (600 cd/m² typical), the panel has Full Array Local Dimming (FALD), making it ideal for presenting 4K HDR (High Dynamic Range)

content and revealing subtle detail in bright highlights and areas of dark shadow.

See finer detail with XR upscaling

The FW-100BZ40J accesses and utilizes a vast amount of data, analyzing patterns in scenes and recreating subtle details to upscale 2K signals close to true 4K quality for incredibly real and immersive viewing.

Smooth, fluid on-screen action XR Motion Clarity

On some screens, especially large ones, fast-moving scenes can lead to blur. Our latest LED XR X-Motion Clarity™ technology keeps everything smooth, bright, and clear. Each frame is individually controlled and its duration optimized, while brightness is boosted when needed, so you won't miss a thing.

Simple screen mirroring

Support for Chromecast built-in and Apple AirPlay 2 makes it easy to stream AV content wirelessly from an Android or iOS device straight to BRAVIA.

Enhanced wireless connectivity

The FW-100BZ40J supports wireless connectivity via Wi-Fi 5 GHz and 2.4 GHz as well as Bluetooth 4.2.

Made for doing business

The FW-100BZ40J is designed for professional installations with a robust design, support for landscape, portrait, or tilt orientation plus a rugged integral carry handle and cable clamber.

Developer friendly, easy integration

BRAVIA offers seamless support with leading automation and control platforms, while open APIs offer limitless integration opportunities with other vendor solutions.

Greater Peace of Mind

There's extra reassurance with our 3 Year Advanced Exchange PrimeSupport service that's included as standard. If there's a fault with your BRAVIA Professional Display, we'll provide a replacement unit at no extra charge to keep you up and running.

Specifications

Panel

Brightness (cd/m ²)	Typical: 600 Peak: 940
Contrast Ratio	9000:1
Response Time (ms)	7
Dynamic Contrast Ratio	600,000:1
Panel Type (IPS/VA)	VA
Panel Surface	Hard Coat LR
Haze (%)	0.2
Backlight Type	Direct LED

Size

VESA® Hole Pitch (mm)	600 x 400
Display Only (W x H x D) (mm)	2260 x 1297 x 98

Display with Stand (W x H x D) (mm)	2260 x 1346 x 475
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Package Carton (W x H x D) (mm)	2440 x 1577 x 378
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Weight

Display Only (kg)	88.9*
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Display with Stand (kg)	92.6*
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Package Carton (kg)	128*
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Power

Rated Power consumption (W)	426
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Power Consumption (in Standby) (W)	- *
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Display Features

Dimming Type	Local Dimming
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Viewing Angle (Right/Left)	178 (89/89) degree
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Viewing Angle (Up/Down)	178 (89/89) degree
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Panel Refresh Rate (Native Hertz)	120Hz
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Professional Features

Operating System	Android 10
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Network Features

Wi-Fi direct	Yes
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Wi-Fi Certified	Yes
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Wi-Fi Standard	a/b/g/n/ac
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Wi-Fi Frequency	2.4 Ghz/5 GHz (for Wi-Fi Direct: 2.4 GHz Only)
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Apple AirPlay (Internet required)	Yes
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Chromecast built-in	Yes
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Wireless LAN	Integrated
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IP Control	Yes
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RS-232C Control	1 (Side)
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Pro mode	Yes
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Inputs & Outputs

Composite Video Input(s)	1 (Side)
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HDMI Inputs Total	4 (Side)
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Digital Audio	1 (Side)
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Output(s)

Headphone Output(s)	1 (Side)
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USB Ports	2 (Side)
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Ethernet Inputs	1 (Side)
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RS-232C Input(s)	1 (Side)
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Notes

* Temporal Spec

Gallery



