

SONY

XBR-65Z9D

65" class (64.5" diag) 4K HDR Ultra HD TV

If TVs are measured on picture quality, then the Sony Z-series stands alone. Near perfect black levels combine with the ability to reproduce the brightness and color of the real world, while your favorites get upscaled and enhanced to look like 4K HDR¹. It's a viewing experience that can't be replicated.



Bullets

- Unprecedented brightness and black levels from the all-new Backlight Master Drive
- Everything looks like 4K HDR¹ with the new 4K HDR Processor X1 Extreme
- Ultra-dense full-array discrete LED control powers each LED individually
- Brilliant contrast, color and detail of 4K HDR and X-tended Dynamic Range PRO
- Colors come alive thanks to the TRILUMINOS[®] Display
- Clear pictures without color banding from 4K HDR Super Bit Mapping
- Dual Database Processing provides lifelike detail and clarity
- Lifelike motion with Motionflow[™] XR technology
- Sophisticated slate design with champagne gold bezel
- Android[™] TV with Google Cast[™], voice search & Play Store apps³
- Home automation controlled directly from your TV
- Just say what you want with Voice Search³
- Send entertainment from your smartphone to your TV with Google Cast[™]³
- Enjoy thousands of apps from Google Play[™]³

Features

Unrivaled picture quality.

The all-new Backlight Master Drive[™] can display an unprecedented dynamic range with near perfect black levels and dazzling brightness that is impossible for other TVs to reproduce. How?

Discrete LED Control:

Backlight Master Drive uses a new, innovative algorithm to control the TV's ultra-dense LED structure. Each LED is controlled individually for a picture even more precise than that of a standard full-array TV, which groups LEDs into larger zones.

Calibrated Beam Design:

Send light only where it is needed. Each LED emits a straight beam for greater brightness and more accurate contrast than ever before.

Everything should look like 4K HDR

Our newly developed 4K HDR Processor X1 Extreme outperforms our conventional 4K Processor X1 with 40% more real-time image processing power. It takes everything you watch and improves it to near 4K HDR quality¹. Object-based HDR Remaster technology can detect, analyze and optimize each object in the picture individually to adjust the overall contrast for a more natural and realistic picture on screen.

Backlight brilliance.

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Experience greater brilliance in every scene. X-tended Dynamic Range PRO utilizes the discrete LED control of Backlight Master Drive to create images with brighter peaks and more shadow detail. When combined with HDR video, X-tended Dynamic Range PRO increases the quality of HDR so you experience even greater color and contrast.²

Uncover the detail with 4K HDR

High Dynamic Range (HDR) will change the way you look at TV. Combined with 4K Ultra HD resolution¹, HDR video content delivers exceptional detail, color and contrast, with a far wider range of brightness than other video formats. The result is the most lifelike picture TVs have ever been able to create, with brilliant highlights and fine detail.

Clear picture, smooth gradations

Sunsets are as bright and clear as real life. Super bit mapping 4K HDR, a feature of the 4K HDR Processor X1 Extreme, reveals thousands of shades and gradations of light. It creates a smooth, natural picture as you watch, without the "banding" that can occur on other TVs. 14-bit signal processing recognizes subtle color transitions and effectively smooths out the gradation between shades, to show 64 times the color levels of a conventional display.

More color, depth and realism

Colors are as rich and vivid as nature's own thanks to the TRILUMINOS® Display with more shades of red, green and blue than ever before. You'll enjoy vibrant, authentic images that evoke the emotion in every scene. When combined with HDR video, TRILUMINOS® Display further increases the color depth for noticeably brighter and more realistic colors.

Upscale to a more natural picture

The difference is clear. You'll see lifelike detail and stunning clarity, no matter what you're watching. Two powerful image improvement databases work together, dynamically improving images in real time. 4K X-Reality PRO™ upscales images to near 4K clarity while a second database cleans the picture and reduce on-screen noise¹. Every single pixel is enhanced beautifully by the powerful 4K HDR Processor X1 Extreme.

Motionflow™ keeps the action smoother than ever

TV that keeps up with real life. Sony's refresh rate technology (Motionflow™ XR 1440 (native 120Hz)) builds upon the native 120Hz panel to allow fast moving action sequences in sports and movies to be seen with lifelike clarity.

A sophisticated slate design

From the front, the design exudes sophistication in the form of a simple black slate, letting viewers immerse themselves in the stunning power of 4K HDR (High Dynamic Range). The design features premium gold finish, and keeps all of your cables completely concealed, ensuring that the TV strikes an elegant look from any angle. The Z9D comes in a 65", 75" or 100" Class to fit even the grandest room.

A world of possibilities

Find all the entertainment you can dream of, faster than ever. From movies and TV shows to thousands of apps, Sony's Android™ TV brings you everything in an instant³

Smart home automation

Beyond streaming content, Sony's Android TV platform allows Home Automation control directly from the TV, via the Logitech Harmony Hub. IoT (internet of things) devices such as lights, thermostats, Blu-ray™ players, security cameras other home entertainment devices can be controlled and automated via the push of a button on the TV's remote.

Just say what you want

Spend less time browsing, and more time watching. Voice search on Android TV™ provides you with the power of Google search in 42 languages, allowing you to find content across different services without the hassle of time-consuming text entry³

Send to a bigger, better screen with Google Cast™

Send movies and music from your smartphone to your TV with Google Cast™. Use your phone as a remote control³

All the apps you love

Enjoy a huge range of apps from Google Play™, including YouTube™, Netflix, Amazon Video, Hulu, Pandora and more. Also, play your favorite Android games on the big screen³.

Find everything fast

The unobtrusive content bar quickly lets you find the movie, TV show or video you're looking for. Call up the Content bar and you can keep watching, while you scan through live TV, videos on demand, downloaded TV shows and much more. You can even customize the content bar to show you the content you go to most often first.

Immerse yourself in 3D

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Enjoy compatible Blu-ray movies, TV broadcasts, and web videos with finely detailed 3D images. See pictures with a more natural depth of field and immerse yourself in sport, movies, and games like never before. (Comes with glasses)

Specifications

3D Features		Google Cast	Yes	Number of pixels(H x V)	3840 x 2160		
3D	Active	i-Manual	Yes	Screen Size (cm)	163.9 cm		
3D Format Support	Yes (exclude 4K)	Input Language Display	BUL / CAT / HRV / CES / DAN / DUT / ENG / EST / FIN / FRA / GER / GRK / HUN / ITA / LAV / LIT / NOR / POL / POR / RON / RUS / SLK / SLV / SPA / SWE / TUR / UKR / THA / VIE / ARA / FAS / JPN	Screen Size (measured diagonally)	65" (64.5")		
3D Super-resolution	Yes		Multiple Language Display	English	Viewing Angle (Right/Left)	178 (89/89) degree	
Audio				Spanish	Viewing Angle (Up/Down)	178 (89/89) degree	
Bass/Treble/Balance	Balance		French	Energy Saving & Efficiency			
DSEE/DSEE-HX	DSEE		On/Off Timer	Yes	Backlight Off Mode	Yes	
Speaker Configuration	2ch, Full Range (30 x 80 mm) x 2	On-Screen Clock	Yes	Dynamic Backlight Control	Yes		
Speaker Position	Down Firing	Parental Control	Yes	Power Saving Modes	Yes		
Speaker Type	Bass Reflex	Show/Hide Channels	Yes (Digital & Analog)	General Features			
Audio Features		Sleep Timer	Yes	Closed Captions (CC)	Analog Digital		
Advanced Auto Volume	Yes	USB Play	Yes (Supported File System: FAT16/ FAT32/ exFAT/ NTFS)	Demo Mode	Yes		
Alternate Audio (Digital)	Yes	USB Play (Contents)	MPEG1: MPEG1 / MPEG2PS: MPEG2 / MPEG2TS (HDV,AVCHD): MPEG2, AVC/MP4 (XAVC S): 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) / WAV/ MP4AAC/ FLAC/ JPEG	Hotel Mode Menu	Yes		
ARC HDMI (Audio Return Channel)	Yes		Voice Function	Yes	Inputs and Outputs		
ARC Output Format	Dolby Digital, Dolby Digital Plus, DTS, PCM		Customizing Capability			4K 60P High-Quality formats	Up to 18Gbps:4K 60p 4:4:4(8bit), 4:2:2(8,10,12bit), 4:2:0(8,10bit) HDR included for HDMI 2/3
Audio Out	Fixed / Variable		RS-232C Control	Yes	AC Power Input	1 (Rear)	
Auto Mute (on no signal)	Yes		Illumination LED	Yes	Analog Audio Input(s) (Total)	2 (1 Analog Conversion / 1 Rear)	
Auto Surround	Yes		Design Features			Audio Out	1 (Side / Hybrid w/HP and Subwoofer Out)
Clear Audio+	Yes		Stand Design	Black Slate	Bluetooth	Version 4.1 HID / HOGP / 3DSP / SPP	
Clear Phase	Yes		Display Features			Component Video (Y/Pb/Pr) Input(s)	1 (rear)
Digital Out Format	Dolby Digital, DTS, PCM		Backlight Type	Direct LED (Backlight Master Drive)	Composite Video Input(s)	2 (1 Side Analog Conversion / 1 Rear Hybrid w/Component)	
Dolby®	Dolby Digital, Dolby Digital Plus, Dolby Pulse		Dimming Type	Local Dimming	Digital Audio Output(s)	1 (side)	
HDMI input Audio format	PCM (5.1ch, 32, 44.1, 48, 88.2, 96, 176.4, 192kHz, 16, 20, 24bit), Dolby Digital, Dolby Digital Plus, DTS	Display Device	LCD	Ethernet Connection(s)	1 (side)		
Headphone/Speaker Link	Yes	Triluminos Display	Yes	HDCP	HDCP 2.2 (for HDMI1/2/3/4)		
S-Master	S-Master Digital Amplifier	X-tend Dynamic Range Pro/ X-tend Dynamic Range	X-tended Dynamic Range PRO	HDMI PC Input Format	640 x 480@60Hz		
Sony Original Surround	S-Force Front Surround	Display			800 x 600@60Hz		
Sound Mode	Standard Cinema Live Football Music	Aspect Ratio	16:9		1024 x 768@60Hz		
		Application Store	Yes (Google Play Store)		1280 x 1024@60Hz		
		Channel Block (with password)	Analog & Digital		1600 x 900@60Hz		
Convenience Features		Display Resolution	QFHD	1152 x 864@75Hz			
Auto Photo Mode	Yes				1680 x 1050@60Hz		
Auto Shut-off	Yes				1920 x 1080@60Hz		
BRAVIA® Sync™	Yes (Including HDMI-CEC)				3840 x 2160@30Hz		

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HDMI Signal	4096 x 2160p (24, 60Hz), 3840 x 2160p (24, 30, 60Hz), 1080p (30, 60Hz), 1080/24p, 1080i (60Hz), 720p (30, 60Hz), 720/24p, 480p, 480i	Power Requirements (frequency)	60Hz for UL cUL 50/60Hz for other	Motionflow™ XR Technology	Motionflow XR
HDMI Signal 3D	Frame Packing: 1080p (30Hz), 1080/24p, 1080i (60Hz), 720p (30, 60Hz), 720/24p. Side-by-Side: 1080p (60Hz), 1080/24p, 1080i (60Hz), 720p (60Hz). Over-Under: 1080p (30, 60Hz), 1080/24p, 1080i (60Hz), 720p (60Hz)	Power Requirements (voltage)	AC 120V for UL cUL AC 110-240V for other	PhotoTV HD	Yes
HDMI™ Connection(s) (Total)	4 (outside 1, center 3)	Regulation and Standards Compliance		Picture Mode	Vivid Standard Custom Cinema Pro Cinema Home Sports Animation Photo-Vivid Photo-Standard Photo-Custom Game Graphics
Headphone Output(s)	1 (Side / Hybrid w/HP and Subwoofer Out)	VESA® Hole Pitch	15 3/4 x 11 7/8 inch (400 x 300 mm)		
RF Connection Input(s)	1 (side)	VESA® Hole Spacing Compatible	Yes		
RS-232C Input(s)	1 (Side/ Mini Jack)	Sensing Features			
Subwoofer Out	1 (Side / Hybrid w/HP and Subwoofer Out)	LightSensor™ Technology	Yes	Service and Warranty Information	
USB 2.0	3 (side)	Limited Warranty Term	12 months	Video Processing	
Network Features		TV System		Wide Mode	Normal Full Zoom Wide Zoom Normal / Full1 / Full2 for PC
Home Network	MPEG1:MPEG1 / MPEG2PS:MPEG2 / MPEG2TS	Channel Coverage (Analog)	VHF: 2-13 / UHF: 14-69 / CATV: 1-135		
Internet Browser	Opera (not pre-Installed)	Channel Coverage (Digital Cable)	CATV: 1-135		
Internet EPG	Yes	Channel Coverage (Digital Terrestrial)	VHF: 2-13 / UHF: 14-69		
Live Football Mode	Yes	Color Space	sRGB / BT709, BT2020, AdobeRGB, DCI	X1	X1 Extreme
Net AD	Yes (depends on ad provider on that region)	Color System	NTSC	Weights and Measurements	
Other Network Features	Home Network Feature: Home Network Client / Home Network Renderer Content Bar: Yes (depend on countries) Trending on Twitter: Yes (US / Canada / MX(STB))	Memory	16GB	Dimensions (Approx.)	TV only: 57 5/8 x 33 3/8 x 3 1/8inch (1462 x 847 x 78 mm) TV with stand: 57 5/8 x 36 1/4 x 10 5/8inch (1462 x 920 x 268 mm) Stand Width: 17 1/4 in (437 mm) AC Cable Length: 1500 mm
Photo Sharing Plus / Photo Share	Yes	Number of Tuners (Terrestrial/Cable)	1 (Digital / Analog)		
Screen mirroring(Miracast)	Yes	OS	Android		
Social Viewing	Yes	TV System (Analog)	M		
TV SideView™	Yes	TV System (Digital Cable)	Clear QAM	Weight (Approx.)	TV only: 70.5 lbs (32.0 Kg) TV with stand: 78.7 lbs (35.7 Kg) Carton weight: 103.6 lbs (47 kg)
Wi-Fi Certified	Yes	TV System (Digital Terrestrial)	ATSC		
Wi-Fi Direct	Yes	Video			
Wi-Fi Frequency	2.4GHz / 5GHz	Video Signal	(Analog) 1080p (60 Hz) 1080i (60 Hz) 720p (60 Hz) 480p 480i		
Wi-Fi Standard	a/b/g/n/ac	Video Features		Supplied Accessories	Voice Remote Control (RMF-TX201U) 3D Glasses x 2 (TDG-BT400A) Batteries x (R03) AC Power Cord (Pigtail) US with polarity IR Blaster (1-849-161-11) Operating Instructions Quick Setup Guide / Supplement CUE (GA) Table Top Stand (Separate, assembly required)
Wireless LAN	Integrated	24p True Cinema™ Technology	Yes		
Annual Power Consumption	262 kWh/Year	4:3 Default	Yes		
Power		4K Processor	X1 Extreme		
Power Consumption (in Operation) max.	322W	Advanced Contrast Enhancer (ACE)	Yes		
Power Consumption (in Standby)	0.5W	Auto Wide	Yes		
		Blinking Type	Line Blinking		
		Face Area Detection	Yes		
		HDR Compatible (High Dynamic Range)	Yes		
		Live Color™ Technology	Yes		
		Mastered in 4K	Yes		
		Optional Accessories		Optional Accessories	Wireless Subwoofer (SWF-BR100) 3D Glasses (TDG-BT500A)



1. 3,840 x 2,160 pixels. Upscaled, simulated and enhanced 4K images will vary based on source content.

2. Compared to standard LED HDTVs.

3. Broadband speed of at least 2.5 Mbps recommended for SD services, 10 Mbps for HD streaming or 4K downloads, 20 Mbps for 4K Ultra HD streaming. Wireless connectivity requires 802.11n home network (802.11n recommended). Network services, content, and the operating system and software of this Product may be subject to individual terms and conditions and changed, interrupted or discontinued at any time and may require fees, registration and credit card information.

4. 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.

5. Requires HDR compatible content from supported streaming services, such as Amazon Video.

6. Logitech Harmony Hub sold separately. Requires all compatible devices connected to the same network. Refer to Logitech for details on compatible devices. Compatible IP cameras require direct connection to the TV via Wi-Fi.

7. Requires 3D content, 3D player, and HDMI® cable (at least 10.2 Gbps).

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