# K65XR90

## BRAVIA 9 65" class Mini LED QLED 4K HDR Google TV (2024)

Our brightest 4K TV delivers remarkable picture quality and our most authentic cinematic experience. Expanded contrast and extreme brightness revitalizes every scene for a lifelike picture just as the creators intended. An array of multi-directional speakers produces expansive theater-like surround sound immersing you in the action.



#### **Bullets**

- Thousands of Mini LEDs are precisely controlled by XR Backlight Master Drive<sup>™</sup> to deliver authentic contrast and our brightest ever 4K TV.
- Access billions of accurate real-world colors with QLED technology and XR Triluminos Pro<sup>™</sup>.
- XR Processor<sup>™</sup> intelligently enhances every scene in real-time boosting color, contrast, and clarity.
- Get a premium picture, with reduced glare, from every seat in the room with X-Wide Angle<sup>™</sup> and X-Anti Reflection<sup>™</sup>.
- Get access to all your favorite streaming apps in one place with Google TV<sup>™</sup>. And with Google Assistant<sup>™</sup>, simply use your voice to search and ask questions.<sup>1</sup>
- Get access to all your favorite streaming apps, including Netflix, Prime Video, Disney+, YouTube, the Apple TV app, Crunchyroll, and many more.<sup>1</sup>
- Easily stream to your TV with support for AirPlay<sup>®</sup> 2 and Chromecast built-in<sup>™</sup>. 9,10
- Get movies included, and access to the largest IMAX<sup>®</sup> Enhanced collection, with the SONY PICTURES CORE app (formerly BRAVIA CORE) <sup>2,3</sup>
- See a studio calibrated picture with modes specially designed for Netflix, Prime Video, and SONY PICTURES CORE (formerly BRAVIA CORE).<sup>4,5</sup>
- Get a truly cinematic viewing experience with support for Dolby Vision® and Atmos®, IMAX® Enhanced, and DTS:X® 3,6
- Upscale all your HD and digital content and bring back lost detail with XR Clear Image<sup>™</sup>.
- See blur-free picture quality in fast-moving sports and action-packed movies powered by XR Motion Clarity™.
- With Acoustic Multi-Audio+<sup>™</sup>, up-firing Beam Tweeters and dual Frame Tweeters, hear room filling surround sound and an elevated cinematic feeling.
- Always hear clear dialog, even in loud action scenes, with Voice Zoom  $3^{\text{TM}}$ .17
- Pair BRAVIA TV with a compatible BRAVIA Theater sound system to unlock Acoustic Center Sync for elevated audio and clearer dialog.<sup>11</sup>
- Use BRAVIA Connect app to easily control your BRAVIA TV from your smartphone and change volume, picture settings, and even troubleshoot issues.<sup>12</sup>
- Take your PlayStation<sup>®</sup> 5 gaming to the next level with exclusive features Auto HDR Tone Mapping and Auto Genre Picture Mode – that optimizes picture quality for gaming and streaming:<sup>13</sup>
- Game Menu puts all your gaming picture settings and exclusive assist features in one place.
- Get the advantage in high-performance gaming with HDMI 2.1 features 4K/120, VRR, ALLM and the newly added Source-based Tone Mapping (SBTM).<sup>14</sup>
- Premium four-way stand two low-profile positions for wide or narrow furniture, or two raised positions to accommodate a soundbar.<sup>15</sup>
- BRAVIA CAM (sold separately) automatically optimizes picture and sound according to your room environment, and you can
  enjoy video chat on a bigger screen.<sup>16</sup>
- Our rechargeable and backlit Premium Eco Remote uses approximately 79.7% recycled plastic.
- Eco Dashboard keeps all your energy efficiency settings in one place, making it easier to change them individually or in one go.

## **Features**

## Cinema is coming home

Feel the emotion and excitement of the movies with BRAVIA. Our decades of professional filmmaking experience allow us to faithfully recreate the creators vision at home with cinematic brightness, contrast, and color. Immerse yourself in the story with detailed picture quality just as you see in real life.

#### A new era in brightness and contrast

Our advanced XR Backlight Master Drive <sup>™</sup> controls thousands of Mini LEDs with absolute precision to deliver our brightest 4K TV

ever. Enhanced by XR Contrast Booster 30, see truly authentic contrast with deep, detailed blacks and dazzling highlights that makes movies and shows burst off the screen.

#### Billions of real-world colors

Access billions of accurate colors that reproduce each shade with the subtle differences as real life. The QLED panel, reinforced by XR Triluminos Pro<sup>™</sup>, enhances the range of hues and saturation, revealing extremely precise color in every scene and makes skin tones look completely natural.

#### Powerful TV processing

Watch everything with lifelike picture quality, powered by the intelligent XR Processor<sup>™</sup>. Hundreds of thousands of individual onscreen elements are processed and enhanced in real-time, boosting color, contrast, and clarity, bringing astounding realism to your content.

## Beautiful picture from any angle

Every seat in the room is now the best seat. X-Wide Angle<sup>TM</sup> preserves color and brightness while viewing the TV from any angle, so everyone sees a premium picture. X-Anti Reflection<sup>TM</sup> reduces on screen glare, making watching in bright rooms a great experience.

## Everything you stream. All on one screen.

With 700,000+ movies and TV episodes, live TV, and more available across 10,000+ apps, Google TV<sup>™</sup> brings together your favorite entertainment from across your apps and organizing it all, just for you.<sup>1</sup>

#### Movies included with SONY PICTURES CORE

Instantly enjoy top movies and access to the largest IMAX<sup>®</sup> Enhanced collection with the SONY PICTURES CORE app (formerly BRAVIA CORE). Your BRAVIA TV comes with movie credits included so you can immediately watch some of the latest releases. You're also subscribed to an amazing selection of new and classic movies to stream anytime, and updated regularly.<sup>2,3</sup>

#### Studio calibrated picture

Our film production expertise helps us faithfully reproduce the creator's vision with studio calibrated picture modes. Netflix Adaptive Calibrated Mode brings studio-quality mastering home with brightness automatically adjusted to your room conditions. With Prime Video Calibrated Mode see movies, shows, and even live sports the way the filmmakers and broadcasters intended. SONY PICTURES CORE Calibrated Mode (formerly BRAVIA CORE) brings studio-quality picture mastering to your living room.<sup>4,5</sup>

# More immersive movie experience

BRAVIA TVs support the rigorous standards of Dolby Vision<sup>®</sup> and Atmos<sup>®</sup>, IMAX<sup>®</sup> Enhanced, and DTS:X<sup>®</sup>, for a truly cinematic and immersive viewing experience. These formats were designed to elevate your movie watching with more 3D sound and dynamic HDR visuals that are sure to impress.  $^{3,6}$ 

# Crystal clear picture

Bring back lost detail with reduced noise and see all your HD and digital content upscaled to near-4K resolution with XR Clear Image<sup>™</sup>. See the authentic features of people's faces, identify every blade of grass, and marvel at the precise texture of buildings and scenery.<sup>7</sup>

#### Blur-free action

Watching sports and action-packed movies just got a whole lot better. XR Motion Clarity<sup>™</sup> combats blur and judder by analyzing on-screen motion and precisely controls every frame to ensure picture quality stays smooth, bright, and clear.

# Hands-free help from Google

With Google Assistant, searching is easy – just ask Google. Press the Google Assistant button on the remote or try saying, "Hey Google, find action movies" to search across your favorite apps. Access entertainment, get answers on screen, and control smart home devices.<sup>1</sup>

## Your favorite streaming apps in one place

Sony Google TVs<sup>™</sup> give you access to all your favorite streaming apps in an easy-to-navigate interface, including Netflix, Prime Video, Disney+, YouTube, the Apple TV app, Crunchyroll, and many more.<sup>1</sup>

#### Family-friendly smart TV

With Kids Profiles, kids get their very own Google TV<sup>™</sup> experience — a space that's just for them, with apps and entertainment designed with kids in mind. Kids can pick from a selection of playful avatars and themes, and parents can restrict what streaming

services are shown, limit watching time, and set a bedtime. 1,8

#### Effortlessly stream to your TV

Easily stream movies, shows, photos, and more from your  $Apple^{i\theta}$  device with  $AirPlay^{i\theta}$  2 or  $Android^{TM}$  device with Chromecast built-in  $^{TM}$ ,  $^{9,10}$ 

#### Cinematic surround sound

Feel like you're at the movies with cinematic surround sound and clear dialog. With Acoustic Multi-Audio+<sup>™</sup>, up-firing Beam Tweeters and dual Frame Tweeters produce a wider, elevated soundstage, enabling audio to follow the action on screen. Voice Zoom 3<sup>™</sup> intelligently controls dialog so people talking are always loud and clear. And with support for Dolby Atmos<sup>®</sup>, DTS:X<sup>®</sup>, and 3D Surround Upscaling, everything you watch gets the true surround sound treatment.<sup>6,17</sup>

## BRAVIA TV and BRAVIA Theater, the perfect pair

Pair BRAVIA TV with compatible BRAVIA Theater models for the ultimate cinema-like experience at home. Acoustic Center Sync pairs the TVs speakers with the sound system, reinforcing the center channel for clearer, fuller dialog. When connected, easily control the sound settings on the TVs Quick Settings menu, making it easy to adjust volume and sound field with a single remote. <sup>11</sup>

## Do it all with BRAVIA Connect app

Easily control your BRAVIA TV from your smartphone. With BRAVIA Connect app, you can adjust volume and settings without needing your remote or the TVs on screen menu. The app also provides technical support, recommendations, and helps you discover useful features.<sup>12</sup>

## Perfect for PlayStation® 5

Get detailed, responsive game play and feel the action all around you with BRAVIA TV exclusive features for the PlayStation<sup>®</sup> 5 console. Auto HDR Tone Mapping instantly optimizes HDR settings during your PS5<sup>®</sup> initial setup for detailed, high-contrast scenes. Auto Genre Picture Mode automatically switches the TV to Game Mode when gaming to ensure reduced input lag and back to Standard Mode when streaming for optimized picture quality.<sup>13</sup>

# All your game settings in one place

With Game Menu, quickly manage your gaming picture settings and exclusive assist features in a single convenient interface. Get access to features like Black Equalizer to reveal details in even the darkest shadows, apply a Crosshair overlay so you always have your enemy in your sights, and use the Screen Size feature to shrink your screen for precision gaming on your big TV

## Level up your gaming with HDMI 2.1 features

BRAVIA TVs deliver a thrilling gaming experience with support for 4K/120, VRR, and ALLM as specified in HDMI 2.1. With 4K/120 you get up to 120fps in 4K resolution on compatible games giving you the advantage in high-intensity gaming. Variable Refresh Rate (VRR) allows the TV to dynamically match frame rate of the gaming device, enabling smoother gameplay without stuttering delays or screen tearing. Auto Low Latency Mode (ALLM) supports more responsive gameplay by enabling the TV to automatically switch to low latency mode whenever a gaming device is connected. Lastly, Source-based Tone Mapping (SBTM) allows the TV to communicate its HDR capabilities to the device, further optimizing your gaming experience. <sup>14</sup>

## Beautifully designed to complement your space

Our premium, minimalist One Slate design keeps you focused on the big picture. The versatile four-way stand gives you the option of two low-profile positions for flexibility on wider or narrower furniture or two raised positions to accommodate a soundbar. Integrated cable management keeps wires neatly hidden, so your furniture stays free of clutter and looks great from all angles.<sup>15</sup>

# Discover new ways to enjoy TV with BRAVIA Cam

Connect BRAVIA Cam, sold separately, for an even more dynamic viewing experience. BRAVIA Cam recognizes where you're sitting in the room and automatically optimizes picture and sound for the environment and to your seating location. You can also enjoy video chat with friends and family on a bigger screen.<sup>16</sup>

#### **Premium backlit Eco Remote**

Our compact and backlit Premium Eco Remote uses approximately 79.7% recycled plastic. The integrated rechargeable battery makes it easy to keep your remote fully charged, and the finder function makes it quick to find.

#### All your energy-saving settings in one place, now redesigned

With the flexible and configurable Eco Dashboard, energy saving settings can now be centrally managed. You can easily customize energy saving settings for your TV usage, viewing environment, and the content you are watching, all in one place.

And the new design with more details makes it easier to make informed, eco-conscious decisions.

# **Specification**

TV System	
TV System (Analog)	M
Tuner Channel Coverage (Analog)	VHF: 2-13/UHF: 14-69/CATV: 1-135
TV System (Digital Terrestrial)	ATSC/ ATSC3.0(NEXTGEN TV / Available only when region/country is set to U.S.A.)
Tuner Channel Coverage (Digital Terrestrial)	VHF: 2-13/UHF: 14-69(2-13/14-36 for ATSC3.0)
TV System (Digital Cable)	Clear QAM
Tuner Channel Coverage (Digital Cable)	CATV: 1-135
Number of Tuners (Terrestrial/Cable)	1(Digital/Analog)
Color System	NTSC
Color Space	sRGB/BT709,BT2020,AdobeRGB,DCI
Operating System	Google TV
On-board Storage (GB)	32GB
Display Features	
X-Anti Reflection	Yes
Display type	LCD Mini LED
X-Wide Angle	Yes
Backlight dimming type	Full Array Local Dimming
Display Specs	
Screen Size (inch, measured diagonally)	65"(64.5")
Screen Size for WEB(diagonal, cm, integer or 1st decimal)	164 cm
Backlight type	Mini LED
Display resolution (H x V, pixels)	3840 x 2160
Viewing Angle (Right/Left)	178(89/89) degree
Viewing Angle (Up/Down)	178(89/89) degree
Display Resolution	QFHD
Aspect Ratio	16:9
Video Features	
XR Backlight Master Drive	Yes
Peak Luminance	XR Contrast Booster 30
TRILUMINOS	XR Triluminos Pro
Features for PlayStation®5 Auto HDR Tone Mapping	Yes
Features for PlayStation®5 Auto Genre Picture Mode	Yes
XR Clear Image	Yes
High Peak Luminance	Yes

Picture modes	Vivid, Standard, Cinema, Professional, Calm, Photo, IMAX Enhanced, Dolby Vision
Auto Wide	(Vivid/Bright/Dark/Game), FPS game, RTS game Yes
Wide Mode	
	Full/Vertical Fit/Horizontal Fit/Original, Full/Vertical Fit/Horizontal Fit/Original
Motion enhancer	XR Motion Clarity
24p True Cinema	Yes
Live Colour™ Technology	Yes
CineMotion/Film Mode/Cinema Drive	Yes
4K Processor	XR Processor
HDR (High Dynamic Range) compatibility	Yes(HDR10,HLG,Dolby Vision)
Panel Refresh Rate (Native Hertz)	120Hz
Dynamic Contrast Enhancer	Yes
Audio Specs	
Channel	2.2.2ch
Audio Power Output	10W + 10W + 10W + 10W + 10W + 5W + 5W * Except in Power Saving Mode.
Speaker Position	Front + Side + Top
Bass/Treble/Balance	Balance
Speaker Type	Acoustic Multi-Audio+
Speaker Configuration	Multi way Multi-amplifier connections (Tweeter x 2, Mid Range x 2, Subwoofer x 2, Beam Tweeter x 2)
Digital audio out (Optical) format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, DTS
Digital audio out (Optical) format  Audio Features	Two channel linear PCM: 48kHz 16bits, Dolby Audio, DTS
	Two channel linear PCM: 48kHz 16bits, Dolby Audio, DTS  Yes (S-CENTER SPEAKER IN)
Audio Features	
Audio Features  Acoustic Center Sync  Ready for 360 Spatial Sound	Yes (S-CENTER SPEAKER IN)
Acoustic Center Sync Ready for 360 Spatial Sound Personalizer Simultaneous Sound Output with TV	Yes (S-CENTER SPEAKER IN) Yes (via Bluetooth)
Acoustic Center Sync Ready for 360 Spatial Sound Personalizer Simultaneous Sound Output with TV Speaker	Yes (S-CENTER SPEAKER IN) Yes (via Bluetooth) Bluetooth A2DP Device
Audio Features  Acoustic Center Sync  Ready for 360 Spatial Sound Personalizer  Simultaneous Sound Output with TV Speaker  Vertical Surround Engine	Yes (S-CENTER SPEAKER IN) Yes (via Bluetooth) Bluetooth A2DP Device Vertical Surround Engine
Audio Features  Acoustic Center Sync  Ready for 360 Spatial Sound Personalizer  Simultaneous Sound Output with TV Speaker  Vertical Surround Engine  Acoustic Auto Calibration	Yes (S-CENTER SPEAKER IN)  Yes (via Bluetooth)  Bluetooth A2DP Device  Vertical Surround Engine  Room & User Position Compensation
Audio Features  Acoustic Center Sync  Ready for 360 Spatial Sound Personalizer  Simultaneous Sound Output with TV Speaker  Vertical Surround Engine  Acoustic Auto Calibration  Speaker Type-2	Yes (S-CENTER SPEAKER IN)  Yes (via Bluetooth)  Bluetooth A2DP Device  Vertical Surround Engine  Room & User Position Compensation  Frame Tweeter, Beam Tweeter
Audio Features  Acoustic Center Sync  Ready for 360 Spatial Sound Personalizer  Simultaneous Sound Output with TV Speaker  Vertical Surround Engine  Acoustic Auto Calibration  Speaker Type-2  Clear Phase	Yes (S-CENTER SPEAKER IN)  Yes (via Bluetooth)  Bluetooth A2DP Device  Vertical Surround Engine  Room & User Position Compensation  Frame Tweeter, Beam Tweeter  Yes
Audio Features  Acoustic Center Sync  Ready for 360 Spatial Sound Personalizer  Simultaneous Sound Output with TV Speaker  Vertical Surround Engine  Acoustic Auto Calibration  Speaker Type-2  Clear Phase  S-Master	Yes (S-CENTER SPEAKER IN)  Yes (via Bluetooth)  Bluetooth A2DP Device  Vertical Surround Engine  Room & User Position Compensation  Frame Tweeter, Beam Tweeter  Yes  S-Master Digital Amplifier
Audio Features  Acoustic Center Sync  Ready for 360 Spatial Sound Personalizer  Simultaneous Sound Output with TV Speaker  Vertical Surround Engine  Acoustic Auto Calibration  Speaker Type-2  Clear Phase  S-Master  Auto Surround	Yes (S-CENTER SPEAKER IN)  Yes (via Bluetooth)  Bluetooth A2DP Device  Vertical Surround Engine  Room & User Position Compensation  Frame Tweeter, Beam Tweeter  Yes  S-Master Digital Amplifier  Yes  DTS Digital Surround, DTS Express, DTS-HD Master Audio, DTS-HD High Resolution
Audio Features  Acoustic Center Sync  Ready for 360 Spatial Sound Personalizer  Simultaneous Sound Output with TV Speaker  Vertical Surround Engine  Acoustic Auto Calibration  Speaker Type-2  Clear Phase  S-Master  Auto Surround  DTS audio format support	Yes (S-CENTER SPEAKER IN)  Yes (via Bluetooth)  Bluetooth A2DP Device  Vertical Surround Engine  Room & User Position Compensation  Frame Tweeter, Beam Tweeter  Yes  S-Master Digital Amplifier  Yes  DTS Digital Surround, DTS Express, DTS-HD Master Audio, DTS-HD High Resolution Audio, DTS:X
Audio Features  Acoustic Center Sync  Ready for 360 Spatial Sound Personalizer  Simultaneous Sound Output with TV Speaker  Vertical Surround Engine  Acoustic Auto Calibration  Speaker Type-2  Clear Phase  S-Master  Auto Surround  DTS audio format support  Simulated surround sound	Yes (S-CENTER SPEAKER IN)  Yes (via Bluetooth)  Bluetooth A2DP Device  Vertical Surround Engine  Room & User Position Compensation  Frame Tweeter, Beam Tweeter  Yes  S-Master Digital Amplifier  Yes  DTS Digital Surround, DTS Express, DTS-HD Master Audio, DTS-HD High Resolution Audio, DTS:X  S-Force Front Surround
Audio Features  Acoustic Center Sync  Ready for 360 Spatial Sound Personalizer  Simultaneous Sound Output with TV Speaker  Vertical Surround Engine  Acoustic Auto Calibration  Speaker Type-2  Clear Phase  S-Master  Auto Surround  DTS audio format support  Simulated surround sound  Dolby audio format support	Yes (S-CENTER SPEAKER IN)  Yes (via Bluetooth)  Bluetooth A2DP Device  Vertical Surround Engine  Room & User Position Compensation  Frame Tweeter, Beam Tweeter  Yes  S-Master Digital Amplifier  Yes  DTS Digital Surround, DTS Express, DTS-HD Master Audio, DTS-HD High Resolution Audio, DTS:X  S-Force Front Surround  Dolby Audio, Dolby Atmos
Audio Features  Acoustic Center Sync  Ready for 360 Spatial Sound Personalizer  Simultaneous Sound Output with TV Speaker  Vertical Surround Engine  Acoustic Auto Calibration  Speaker Type-2  Clear Phase  S-Master  Auto Surround  DTS audio format support  Simulated surround sound  Dolby audio format support  Voice Zoom	Yes (S-CENTER SPEAKER IN)  Yes (via Bluetooth)  Bluetooth A2DP Device  Vertical Surround Engine  Room & User Position Compensation  Frame Tweeter, Beam Tweeter  Yes  S-Master Digital Amplifier  Yes  DTS Digital Surround, DTS Express, DTS-HD Master Audio, DTS-HD High Resolution Audio, DTS:X  S-Force Front Surround  Dolby Audio, Dolby Atmos  Voice Zoom 3 (Also available with compatible Sony Soundbar)
Audio Features  Acoustic Center Sync  Ready for 360 Spatial Sound Personalizer  Simultaneous Sound Output with TV Speaker  Vertical Surround Engine  Acoustic Auto Calibration  Speaker Type-2  Clear Phase  S-Master  Auto Surround  DTS audio format support  Simulated surround sound  Dolby audio format support  Voice Zoom  HDMI Audio Return Channel(ARC)	Yes (S-CENTER SPEAKER IN)  Yes (via Bluetooth)  Bluetooth A2DP Device  Vertical Surround Engine  Room & User Position Compensation  Frame Tweeter, Beam Tweeter  Yes  S-Master Digital Amplifier  Yes  DTS Digital Surround, DTS Express, DTS-HD Master Audio, DTS-HD High Resolution Audio, DTS:X  S-Force Front Surround  Dolby Audio, Dolby Atmos  Voice Zoom 3 (Also available with compatible Sony Soundbar)  Yes (eARC/ARC)
Audio Features  Acoustic Center Sync  Ready for 360 Spatial Sound Personalizer  Simultaneous Sound Output with TV Speaker  Vertical Surround Engine  Acoustic Auto Calibration  Speaker Type-2  Clear Phase  S-Master  Auto Surround  DTS audio format support  Simulated surround sound  Dolby audio format support  Voice Zoom  HDMI Audio Return Channel(ARC)  Advanced Auto Volume	Yes (S-CENTER SPEAKER IN)  Yes (via Bluetooth)  Bluetooth A2DP Device  Vertical Surround Engine  Room & User Position Compensation  Frame Tweeter, Beam Tweeter  Yes  S-Master Digital Amplifier  Yes  DTS Digital Surround, DTS Express, DTS-HD Master Audio, DTS-HD High Resolution Audio, DTS:X  S-Force Front Surround  Dolby Audio, Dolby Atmos  Voice Zoom 3 (Also available with compatible Sony Soundbar)  Yes (eARC/ARC)

HDMI input Audio format	Dolby Atmos, DTS, DTS Express, DTS-HD Master Audio, DTS-HD High Resolution Audio, DTS:X
ARC output format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, Dolby Atmos, DTS
Network Features	
Control Menu	Yes
ECO Dashboard	Yes
Apple AirPlay	Yes
Apple HomeKit	Yes
Home Network Feature	Home Network Client, Home Network Renderer
Wi-Fi Certified	Yes
Wi-Fi Standard	a/b/g/n/ac/ax
Wi-Fi Frequency	2.4GHz/5GHz/6GHz
Codec for Home Network	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4(XAV C 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)/LPCM/WAV/MP4AAC/FLAC/JPEG,WEBM:VP9/AC4/ogg/AAC/ARW(Screen nail only)
Wireless LAN	Integrated
Convenience Features	
Optimization of HDMI input	Prioritize HDMI content type information
Source-Based Tone Mapping(SBTM)	Yes(for HDMI3/4)
UVC/UAC support	Yes
Variable Refresh Rate (VRR)	Yes (for HDMI3/4)
Auto Low Latency Mode (ALLM)	Yes (for HDMI1/2/3/4)
Features specified in HDMI2.1	4K120/eARC/VRR/ALLM/SBTM(Source-Based Tone Mapping)
Built-in Mic switch	Yes(Left)
Electronic Program Guide (EPG)	Yes
USB playback codecs	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4(XAV C 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)/LPCM/WAV/MP4AAC/FLAC,JPEG/HEIF/WEBM:VP9/AC4/ogg/AAC/ARW(Screen nail only)
Built-in Mic	Yes
Text Input Language	ENG / FRA / GER / HEB / ITA / RUS / SPA / VIE / JPN
Chromecast built-in	Yes
Application Store	Yes (Google Play Store)
BRAVIA Sync (including HDMI-CEC)	Yes
i-Manual	Yes
Parental Control	Yes
Channel Block (with password)	Analog & Digital
Show/Hide Channels	Yes(Digital&Analog)
On Screen Clock	Yes
Sleep Timer	Yes

On/Off Timer	Yes
USB drive format support	Yes (Supported File System: FAT16/FAT32/exFAT/NTFS)
Display Language	AFR,AMH,ARA,ASM,AZE,BEL,BUL,BEN,BOS,CAT,CZE,DAN,DEU,GRE,ENG,SPA,ES T,BAQ,PER,FIN,FRA,GLG,GUJ,HIN,HRV,HUN,IND,ISL,ITA,HEB,JPN,KAZ,KAN,KOR, KIR,LAO,LIT,LAV,MAC,MAL,MON,MAR,MAY,BUR,NOB,NEP,NLD,ORI,PAN,POL,POR, RUM,RUS,SOL,SLV,ALB,SRP,SWE,SWA,TAM,TEL,THA,TGL,TUR,UKR,URD,UZB,VIE ,zh_CN,zh_HK,zh_TW,ZUL
Auto Shut-off	Yes
Sensing Features	
Sensor	Light/Color
Energy Saving & Efficiency	
SORPLAS	Yes
Dynamic Backlight Control	Yes
Power Saving Mode / Back Light Off Mode	Yes
General Features	
Smart TV	Google TV
SONY PICTURES CORE Calibrated mode	Yes
Prime Video Calibrated mode	Yes * Firmware update may be required.
Auto Calibration with CalMAN	Yes
Netflix Calibrated mode	Yes (Adaptive Calibrated Mode)
IMAX Certified Model	Yes
Closed Captions (Analog)	Closed Caption
SONY PICTURES CORE	10 credits/24 months
Demo Mode	Yes(e-POP only)
Accessibility Features	
Color Inversion	Yes
Screen Reader	Yes
Audio Description	Yes
Closed Captions (Digital)	Closed Caption
Text Magnification	Yes
Accessibility Shortcut	Yes
Voice Search	Yes
Accessible Initial setup with TalkBack	Yes
Menu timeout settings	Yes
Power-on Volume settings	Yes
TalkBack	Yes
Switch Access	Yes
Customizing Capability	
RS-232C Control	Yes
Design Features	

Stand Position	4way position(Outside/Inside/Ouside for Soundbar/Inside for Soundbar)
Stand Color	Dark silver/Hairline
Bezel Design	Seamless Edge
Cable Management	Yes
Frame color	Dark Silver/Vibration finish
Stand Design	Underlay stand
Inputs and Outputs	
HDMI Signal	4096x2160p(24,60Hz), 3840x2160p(24,30,60,120Hz)*, 1080p(24,30,60,120Hz), 1080i(60Hz), 720p(24,30,60Hz), 480p * 120Hz is supported by HDMI IN 3 and IN 4
HDCP	HDCP2.3(for HDMI1/2/3/4)
Bluetooth profile support	Version 5.3,HID/HOGP/SPP/A2DP/AVRCP
4K 60P High-Quality formats	HDMI IN1, IN2 ports for 4K(up to 18Gbps) signal, HDMI IN3, IN4 port for 4K(up to 48Gbps) signal
AC Power Input	Pigtail (REAR)
RF (Terrestrial/Cable) Connection Input(s)	1(Side)
HDMI inputs total	4(4Side)
Digital Audio Output(s)	1(Side / Hybrid with S-Center Speaker Input)
USB ports	2(Side)
Ethernet inputs	1(Side)
RS-232C Input(s)	1(Side) * Only for the United States/Canada/Mexico/Dominican Republic models.
HDMI PC Input Format	640x480(31.5kHz,60Hz), 800x600(37.9kHz,60Hz), 1024x768(48.4kHz,60Hz), 1280x1024(64.0kHz,60Hz), 1152x864(67.5kHz,75Hz), 1600x900(55.9kHz,60Hz), 1680x1050(65.3kHz,60Hz), 1920x1080(67.5kHz,60Hz)
Power	
Power Requirements (voltage)	AC 120V for UL cUL AC 110-240V for other
Power Requirements (frequency)	60Hz for UL cUL 50/60Hz for other
Rated Power Consumption	345 W
Power Consumption (Standby Mode)	0.5 W
Regulation and Standard Compliance	
VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch(W x H)	300 x 300 mm / 11 7/8 x 11 7/8 inch
Measurements (Approx.)	
TV with Stand (Inside for Soundbar) (W x H x D)	1443 x 908 x 349 mm / 56 7/8 x 35 3/4 x 13 3/4 inch
Dimension of TV without Stand (W x H x D)	1443 x 835 x 48 (32.3) mm / 56 7/8 x 32 7/8 x 1 15/16 (1 5/16) inch
TV with Stand (Standard position) (W x H x D)	1443 x 846 x 349 mm / 56 7/8 x 33 3/8 x 13 3/4 inch
TV with Stand (Narrow position) (W x H x D)	1443 x 846 x 349 mm / 56 7/8 x 33 3/8 x 13 3/4 inch
TV with Stand (Soundbar position) (W x H x D)	1443 x 908 x 349 mm / 56 7/8 x 35 3/4 x 13 3/4 inch

Dimension of Package Carton (W x H x D)	1574 x 1003 x 200 mm / 62 x 39 1/2 x 7 7/8 inch
Stand width (Standard position)	1419 mm / 55 7/8 inch
Stand width (Narrow position)	480 mm / 19 inch
Stand width (Soundbar position)	1419 mm / 55 7/8 inch
AC Cable Length	1500mm
Weights (Approx.)	
Stand Width (Inside for Soundbar)	480 mm / 19 inch
TV with Stand (Inside for Soundbar)	34.8 kg / 76.7 lb
Weight of TV without Stand	32.4 kg / 71.4 lb
TV with Stand (Standard position)	34.8 kg / 76.7 lb
TV with Stand (Narrow position)	34.8 kg / 76.7 lb
TV with Stand (Soundbar position)	34.8 kg / 76.7 lb
Weight of Package Carton(Gross)	48 kg / 105.8lb.
Carton Spec	
Max Qty of carton stacking (vertical)	4
Max Qty of carton stacking (horizontal) *only for Shop Front	N/A
Supplied Accessories	
Voice Remote Control (supply) included Rechargeable Battery	Yes
USB Type-C Cable	Yes
USB Type-C Cable  Voice Remote Control (Supply)	Yes RMF-TX920U
**	
Voice Remote Control (Supply)	RMF-TX920U
Voice Remote Control (Supply)  AC Power Cord Spec	RMF-TX920U (Pig-tail43mm) (US) (2pin) (flat blades Polarity)
Voice Remote Control (Supply)  AC Power Cord Spec  Operating Instructions  Quick Setup Guide / Supplement CUE	RMF-TX920U (Pig-tail43mm) (US) (2pin) (flat blades Polarity) EN,FR,ES
Voice Remote Control (Supply)  AC Power Cord Spec  Operating Instructions  Quick Setup Guide / Supplement CUE (GA)	RMF-TX920U (Pig-tail43mm) (US) (2pin) (flat blades Polarity) EN,FR,ES EN,FR,ES,PT
Voice Remote Control (Supply)  AC Power Cord Spec  Operating Instructions  Quick Setup Guide / Supplement CUE (GA)  Table Top Stand	RMF-TX920U (Pig-tail43mm) (US) (2pin) (flat blades Polarity) EN,FR,ES EN,FR,ES,PT

- 1. User must accept Google Terms of Service (<a href="http://www.google.com/policies/terms/">https://www.google.com/policies/terms/</a>), Google Play Terms of Service (<a href="https://play.google.com/intl/en-US\_us/about/play-terms/index.html">https://www.google.com/policies/privacy/</a>) to use this product. User consents to a mandatory software update at set-up and such other additional updates that may be required in the future by Google and/or Sony. User must connect to a Google Account to use certain advertised features, including voice to activate linked apps, and install certain apps and operating software during setup. Use of this product without connecting to a Google Account allows only basic features and certain apps. Features and specifications are subject to change without notice. Wireless connectivity requires 802.11 home network (802.11n recommended). Network services, content, operating system, and software of this product may be subject to separate or third-party terms and conditions and changed, interrupted, or discontinued at any time and may require fees, registration, and credit card information. Apps must be compatible with this product. App availability varies by region and device.
- 2. Purchase an eligible TV and register for SONY PICTURES CORE™ by February 23, 2025 to be eligible for promotion offers. Available movies subject to change. Terms and conditions apply, for full details see <a href="https://electronics.sony.com/sony-pictures-core">https://electronics.sony.com/sony-pictures-core</a>. Network services, content, and operating system and software of product may be subject to separate or third-party terms and conditions and changed, interrupted, or discontinued at any time and may require fees, registration, and credit card information.
- IMAX Enhanced content enables full IMAX Enhanced experience with compatible streaming services such as SONY PICTURES CORE (formerly BRAVIA CORE), or compatible content device connected via HDMI input (sold separately).
- 4. Prime Video Calibrated Mode will be available via firmware update about Summer 2024. Amazon Prime Video streaming membership required. 4K Ultra HD availability subject to your Prime Video subscription plan, internet service, device capabilities, and content availability. Amazon, Prime Video, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.
- 5. Netflix streaming membership required. 4K Ultra HD availability subject to your Netflix subscription plan, internet service, device capabilities, and content availability. <a href="https://www.netflix.com/termsofuse">www.netflix.com/termsofuse</a>. Netflix and the Netflix logo are registered trademarks of Netflix Inc.

- 6. Dolby Vision/Atmos and DTS:X content compatible with streaming services or compatible content device connected via HDMI input (sold separately).
- Upscaled, simulated and enhanced 4K images will vary based on source content.
- This feature is for users of streaming apps. TV broadcasts cannot be accessed when using Kids Profile. Some TV functions may not be available while using Kids Profile, such as changing settings or inputs.
- This Sony TV is compatible with AirPlay 2 and HomeKit. iOS 12.2 or later or macOS 10.14.4 or later is required. Apple ID account required. Subscriptions may be required to access certain content. Apple, the Apple logo, Apple TV, Apple Home, AirPlay and Siri are trademarks of Apple Inc., registered in the U.S. and other countries.
- Chromecast built-in compatibility dependent on app. Chromecast built-in is a trademark of Google LLC.
- Acoustic Center Sync, integration with BRAVIA Quick Setting Menu, and compatibility with products featuring 360 Spatial Sound Personalizer works with compatible Sony soundbars and AV receivers. For full compatibility list: <a href="https://www.sony.net/hav/faq">https://www.sony.net/hav/faq</a>.

  12. BRAVIA Connect App compatibility will be available via firmware update about Summer 2024. BRAVIA Connect app must be installed on a smartphone. The
- smartphone and the product must be connected to the same home network. Download app at Google Play and the App Store. Network services, content, and operating system and software subject to terms and conditions and may be changed, interrupted or discontinued at any time and may require fees, registration, and credit card information.
- To activate Auto HDR Tone Mapping, must enable feature when pairing PS5 to the TV for the first time; or will need to perform factory reset on PS5 and enable the feature during initial setup. Auto Genre Picture Mode works when Auto Picture Mode on the TV is set to ON. Both features are supported only when PS5 and TV are directly connected, or via compatible Sony soundbar. Applicable TV models: Z9K, A95K, A95L, A80K, A80L, XR80B, X95K, X95L, XR90B, X93L, XR70B, X90K, X90L, X85K, S30B, X80K
- Game title supporting VRR and/or 4K/120fps required. VRR results may vary depending on the game you're playing. If enabling VR results in any unexpected visual effects, you can turn it off at any time.

  Actual look may differ depending on TV size and type of cables used. Applicable soundbar models when the TV stand is set to inside raised position: BRAVIA
- Theatre Bar 9, BRAVIA Theatre Bar 8.
- 16. BRAVIA CAM CMU-BC1 is sold separately. Ensure TV is running latest firmware to enable all features. Supported apps and a camera is required for video chat. See compatible cameras here: <a href="https://www.sony.net/camera-support">https://www.sony.net/camera-support</a>
  Voice Zoom 3 feature will be available via firmware update about Summer 2024. Compatible with home theatre products: BRAVIA Theatre Quad, BRAVIA Theatre
- Bar 9, BRAVIA Theatre Bar 8.
- 18. Based on Sony's research in March 2024.
- This feature works with compatible models BRAVIA Theatre Quad, BRAVIA Theatre Bar 9, BRAVIA Theatre Bar 8, HT-A9, HT-A7000, HT-A5000, HT-A3000). HT-A5000, H A7000, HT-A5000, HT-A3000 need optional rear speakers to use this feature.
- 20. Screen images simulated. For illustrative purposes only.
- 21. Amazon Alexa enabled devices (sold separately) compatible with Sony TVs powered by Google TV™. Amazon account required. Subscriptions may be required to access certain content. Amazon, Prime Video, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.
- 22. PS5® system, DualSense controller, and vertical stand sold separately.
- 23. A PS4<sup>TM</sup> or PS5<sup>®</sup> console is required to stream your games to other devices. PS Remote Play can be used with a mobile data connection or Wi-Fi. Broadband internet with at least 5Mbps is required. For a better PS Remote Play experience, a high-speed connection of at least 15Mbps is recommended using either Wi-Fi or mobile data connection. Titles that require a VR headset (PlayStation®VR or PlayStation®VR2) or additional peripherals (other than a DUALSHOCK®4, DualSense™, or DualSense Edge™ wireless controller) are not compatible with PS Remote Play. Spiderman: Across the Spider Verse © 2023 Sony Pictures Animation Inc. All Rights Reserved.
- Marvel Spider-Man 2 @ 2023 MARVEL @ 2023 Sony Interactive Entertainment LLC. Developed by Insomniac Games, Inc.
- 26. Gran Turismo 7 ©2023 Sony Interactive Entertainment Inc. Developed by Polyphony Digital Inc. "Polyphony Digital logo", "Gran Turismo" and "GT" are registered trademarks of Sony Interactive Entertainment Inc. Manufacturers, cars, names, brands and associated imagery featured in this game in some cases include trademarks and/or copyrighted materials of their respective owners. Any depiction or recreation of real world locations, entities, businesses, or organizations is not intended to be or imply any sponsorship or endorsement of this game by such party or parties. All rights reserved.
- 27. God of War: Ragnarok @2022 Sony Interactive Entertainment LLC. God of War is a registered trademark of Sony Interactive Entertainment LLC and related companies in the U.S. and other countries.

© 2024 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited.

Sony, BRAVÍA, and the Sony logo are trademarks of Sony Corporation. Google TV is the name of this device's software experience and a trademark of Google LLC. Google, YouTube and YouTube Music are trademarks of Google LLC. "PlayStation Family Mark," "PlayStation," "PS5 logo" and "PS5" are registered trademarks or trademarks of Sony Interactive Entertainment Inc. All other trademarks are trademarks of their respective owners. Features and specifications are subject to change without notice. Screen images simulated.