

K65S20CM2

BRAVIA 2 II 65" class 4K HDR LED Google TV (2025)



Bullets

- The 4K Processor X1™ delivers a lifelike picture that is full of rich colors and sharp details.
- Natural and precise picture quality with a wide array of colors and dynamic contrast.
- See more vividness and color saturation with Rich Color Enhancer.
- Get access to all your favorite streaming apps in one place with Google TV™. With Google Assistant™, simply use your voice to search and ask questions.¹
- Easily stream to your TV with support for Apple AirPlay® 2 and Google Cast™.^{6,7}
- Movies are included with the SONY PICTURES CORE app.²
- See blur-free picture quality in fast-moving sports and action-packed movies powered by Motionflow™ XR 480.
- Bring back lost texture and detail and see all your content upscaled to near-4K resolution with 4K XR-Reality™ PRO.⁴
- Take your PS5® gaming to the next level with BRAVIA exclusive features – Auto HDR Tone Mapping and Auto Genre Picture Mode – that optimizes picture quality for gaming and streaming.⁸
- Game Menu puts all your gaming picture settings and exclusive assist features in one place.
- Eco Dashboard keeps all your energy efficiency settings in one place.

Features

Powerful TV processing

See lifelike picture quality in incredible 4K resolution. The powerful 4K Processor X1™ enhances the picture to deliver scenes full of rich colors and sharp details. Everything you watch is upscaled close to 4K quality with smooth and clear motion.

Beautiful 4K HDR picture

See your favorite content burst to life on screen with High Dynamic Range (HDR) contrast. Every scene is enhanced to make colors and shadows even more natural and precise, so picture quality is closer than ever to real life.

Boosted, more vivid colors

Rich Color Enhancer boosts neutral color tones beyond standard levels and creates more vividness and saturation compared to a conventional TV. When watching in vivid mode, reveal rich, pleasantly saturated colors in everything you watch by enabling Rich Color Enhancer.

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™ brings together your favorite entertainment from across your apps and organizes it all, just for you.¹

Movies included with SONY PICTURES CORE

Instantly enjoy top movies and the largest IMAX® Enhanced collection with the SONY PICTURES CORE app. Your BRAVIA TV comes with 10 movie credits included so you can immediately watch some of the latest releases. You also get 24 months subscription to a regularly updated selection of new and classic movies to stream anytime.²

Smooth and clear, even in fast scenes

TV that keeps up with real life. Motionflow™ XR 480 keeps movement smooth and clear, allowing fast moving action sequences in sports and movies to be seen with lifelike clarity.

Upscale everything you watch

See glorious 4K picture quality, rich with real-world detail and texture. Even content filmed in HD is upscaled close to 4K

resolution by 4K X-Reality™ PRO.⁴

Do more on your TV with your voice

Your TV is more helpful than ever. Ask Google to find movies, stream apps, play music, and control the TV – all with your voice. Even get answers, control smart home devices, and more. Press the Google Assistant™ button on the remote to get started.¹

Exclusive features for PlayStation® 5

Get detailed, responsive game play with BRAVIA TV exclusive features for PlayStation® 5. Auto HDR Tone Mapping instantly optimizes HDR settings during your PS5® 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.⁸

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.

All your favorite streaming apps in one place

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

Family-friendly smart TV

Kids Profiles give kids their very own Google TV™ experience with apps and entertainment designed just for them. Kids can pick from a selection of playful avatars and themes, and parents can restrict what streaming services are shown, limit watch time, and set a bedtime.^{1,5}

Effortlessly stream to your TV

Easily stream movies, shows, photos, and more from your Apple® device with AirPlay® 2 or Android™ device with Google Cast™.^{6,7}

All your energy-saving settings in one place

With Eco Dashboard, energy saving settings are centrally managed so it's easy to make informed, eco-conscious decisions. You can customize energy saving settings for your TV usage, viewing environment, and the content you are watching.

Specification

Video Features	
Picture Modes	Vivid, Standard, Cinema, Game, Graphics, Photo, Professional
Auto Wide	Yes
Wide Mode	Full/Vertical Fit/Horizontal Fit/Original, Full/Vertical Fit/Horizontal Fit/Original
Motion Enhancer	Motionflow XR 480 (Native 60Hz)
Blinking Type	Line Blinking
24p True Cinema	Yes
Live Color™ Technology	Yes
CineMotion/Film Mode/Cinema Drive	Yes
4K Processor	4K Processor X1
HDR (High Dynamic Range) Compatibility	Yes (HDR10, HLG)
Panel Refresh Rate (Native Hertz)	60Hz
Dynamic Contrast Enhancer	Yes
Features for PlayStation®5 Auto HDR Tone Mapping	Yes

Features for PlayStation®5 Auto Genre Picture Mode	Yes
Video Processing	4K X-Reality PRO
TV System	
TV System (Analog)	M
Tuner Channel Coverage (Analog)	VHF: 2-13/UHF: 14-69/CATV: 1-135
TV System (Digital Terrestrial)	ATSC
Tuner Channel Coverage (Digital Terrestrial)	VHF: 2-13/UHF: 14-69
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
Operating System	Android 12
On-board Storage (GB)	16GB
Network Features	
Apple AirPlay	Yes
Apple HomeKit	Yes
Wi-Fi Certified	Yes
Wi-Fi Standard	Wi-Fi 6E
Wi-Fi Frequency	2.4GHz/5GHz/6GHz
Wireless LAN	Integrated
Control Menu	Yes
ECO Dashboard	Yes
Display Specs	
Screen Size (inch, measured diagonally)	65" (64.5")
Screen Size for WEB(diagonal, cm, integer or 1st decimal)	164 cm
Backlight Type	Direct LED
Display Resolution (H x V, pixels)	3840x2160
Viewing Angle (Right/Left)	178(89/89) degree
Viewing Angle (Up/Down)	178(89/89) degree
Display Resolution	QFHD
Aspect Ratio	16:9
Display Features	
Display Type	LCD
Rich Color Enhancer	Yes
Backlight Dimming Type	Frame Dimming
Convenience Features	
Optimization of HDMI Input	Auto Picture Mode
Source-Based Tone Mapping (SBTM)	Yes(for HDMI 1/2/3/4)

Auto Low Latency Mode (ALLM)	Yes (for HDMI1/2/3/4)
Features Specified in HDMI2.1	4K120/eARC/VRR/ALLM/SBTM
X-Protection PRO	Y (with Dust, Multiple Lightning, Surge, Humidity Protection)
Electronic Program Guide (EPG)	Yes
USB Playback Codecs	MPEG1:MPEG1/MPEG2 PS:MPEG2/MPEG2 TS(HDV,AVCHD):MPEG2,MPEG4,AVC,AVS,HEVC/MP4(XAVC S):AVC,MPEG4,HEVC,AV1,VP8,WMV,MotionJpeg,/AVI:MotionJpeg,HEVC,MPEG4,W MV,AVC,VP8/ASF(WMV)/MOV:AVC,HEVC,MPEG4,WMV/MKV:AVC,MPEG4,VP8,HEV C,VP9,WMV,AV1,3GPP:MPEG4,AVC,HEVC,MPEG2,WMV,VP8,AV1/MP3/ASF(WMA)/ LPCM/WAV/MP4AAC/FLAC/JPEG/WEBM:AV1,VP9/AC4/ogg/AAC
Text Input Language	ARA / ENG / FIN / FRA / GER / HEB / HIN / ITA / JPN / KOR / NOR / PER / POR / RUS / SPA / THA / VIE / zh_CN / zh_TW / zh_HK
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/NTFS)
Display Language	AFR,ARA,BUL,BEN,BOS,CAT,CZE,DAN,DEU,GRE,ENG,SPA,EST,PER,FIN,FRA,GUJ ,HIN,HRV,HUN,IND,ITA,HEB,KAZ,KAN,LIT,LAV,MAC,MAL,MAR,MAY,NOB,NLD,PAN, POL,POR,RUM,RUS,SOL,SLV,ALB,SRP,SWE, zh_CN, zh_TW, zh_HK , ZUL, SWA, VIE, TAM ,TEL, THA, TUR,UKR, TGL
Auto Shut-off	Yes
Common Item	
8 digit code	12683900
BRAVIA 5	
Model Year	2025
Marketing Name	BRAVIA 2 II
Audio Specs	
Channel	2ch
Speaker Position	Down Firing
Bass/Treble/Balance	Balance
Speaker Type	Open Baffle Speaker
Speaker Configuration	Full range (45 x 153.3mm) x 2
Digital Audio Out (Optical) Format	Two channel linear PCM: 48kHz 16bits, Dolby Audio
Audio Features	
Clear Phase	Yes
S-Master	S-Master Digital Amplifier
Auto Surround	Yes

DTS audio format support	DTS Digital Surround, DTS Express, DTS-HD Master Audio, DTS-HD High Resolution Audio, DTS:X
Dolby audio format support	Dolby Audio, Dolby Atmos
HDMI Audio Return Channel (ARC)	Yes (eARC/ARC)
Auto Mute (on no signal)	Yes
HDMI Input Audio format	7.1 channel linear PCM: 32/44.1/48/88.2/96/176.4/192kHz 16/20/24bits, Dolby Audio, 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
Sensing Features	
Sensor	Light
Energy Saving & Efficiency	
Dynamic Backlight Control	Yes
Power Saving Mode / Back Light Off Mode	Yes
General Features	
SONY PICTURES CORE	10 credits/24 months
Demo Mode	Yes (e-POP only)
Smart TV	Google TV
Closed Captions (Analog)	Yes
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	1way position (Outside)
Stand Color	Black
Bezel Design	Flush Surface
Frame Color	Black
Stand Design	Slim T Shape Stand
Inputs and Outputs	
HDMI Signal	4096x2160p(24,60Hz), 3840x2160p(24,30,60Hz), 1080p(24,30,60Hz), 1080i(60Hz),

	720p(24,30,60Hz), 480p, 480i
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, IN3, IN4 ports for 4K(up to 18Gbps) signal
AC Power Input	C8 INLET(REAR)
RF (Terrestrial/Cable) Connection Input(s)	1(Side)
HDMI Inputs Total	4(4Side)
Digital Audio Output(s)	1(Side)
USB ports	2(Side)
Ethernet Inputs	1(Side)
RS-232C Input(s)	1(Side)
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), 3840x2160p(30Hz), 3840x2160p(60Hz, 8bits)
Power	
Power Requirements (voltage)	AC 120V for UL AC 110-240V for other
Power Requirements (frequency)	60Hz for UL 50/60Hz for other
Rated Power Consumption	189 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.)	
Dimension of TV without Stand (W x H x D)	1447 x 846 x 83 mm / 57 x 33 3/8 x 3 3/8 inch
Dimension of Package Carton (W x H x D)	1567 x 977 x 186 mm / 61 3/4 x 38 1/2 x 7 3/8 inch
AC Cable Length	1600mm
TV with Stand (Outside) (W x H x D)	1447 x 904 x 327 mm / 57 x 35 5/8 x 12 7/8 inch
Stand Width (Outside)	1192 mm / 47 inch
Measurements (Approx.)	
TV with Stand (Weight)	20.0 kg / 44.1 lb
DIMENSION OF STAND (Inside/Outside) (W x H x D)	15 x 59 x 327 mm / 5/8 x 2 3/8 x 12 7/8 inch
Weights (Approx.)	
Weight of TV without Stand	19.7 kg / 43.4 lb
Weight of Package Carton (Gross)	29 kg / 63.9lb.
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)	RMF-TX820U
AC Power Cord Spec	Bundle (C7L) (US) (2pin) (flat blades)
Operating Instructions	EN,FR,ES
Quick Setup Guide / Supplement CUE (GA)	EN,FR,ES
Table Top Stand	Separate (Assembly required)
Batteries	LR03
Optional Accessories	
Wallmount Bracket	Sony original Wall-Mount Bracket

1. User must accept Google Terms of Service (<http://www.google.com/policies/terms/>), Google Play Terms of Service (https://play.google.com/intl/en-US_us/about/play-terms/index.html), and Privacy Policy (<http://www.google.com/policies/privacy/>) 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. Google TV is the name of this device's software experience and a trademark of Google LLC. Google, Google Meet, YouTube, YouTube Music, and Chromecast built-in are trademarks of Google LLC.
2. Purchase an eligible TV and register for SONY PICTURES CORE™ by February 23, 2028 to be eligible for promotion offers. Available movies subject to change. Terms and conditions apply, for full details see <https://sony.net/sony-pictures-core>. 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.
3. Dolby Atmos and DTS:X content compatible with streaming services or compatible content device connected via HDMI input (sold separately).
4. Upscaled, simulated and enhanced 4K images will vary based on source content.
5. 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.
6. 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.
7. Google Cast compatibility dependent on app.
8. 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, XR80, XR80M2, X95K, X95L, XR90, X93L, XR70, XR50, X90K, X90L, X85K, S30, X80K
9. Actual look may differ depending on TV size.
10. 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: <https://www.sony.net/camera-support>
11. 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.
12. 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. Feature availability of the integrated remote with TVs and home theater products may vary depending on home theater product.

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