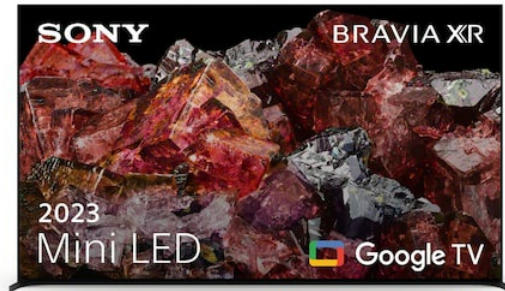# SONY

FWD-65X95L

65" BRAVIA 4K HDR Mini LED
Display with Google TV,
including 3 years PrimeSupport

Overview

Like getting a front-row ticket to the game itself, our Cognitive Processor XR understands how humans see and hear in real-life. For example, it recognises that you will be focusing on the player with the ball, and that the sound of the crowd should roar from all directions. Scenes are then recreated in your living room that are so realistic, you can see them unfold in front of your eyes and hear the action all around you.

Our latest Mini LED adds to this genuine realism, with more dynamic pictures, dazzling lights, deep blacks, and beautifully natural mid-tones. You won't see flare or halos around highlights on this TV either.

Our new XR Triluminos Pro display is infused with over a billion different real-world colours, and high-speed sports are smooth, clear and blur-free, thanks to XR Motion Clarity. Our X-Wide Angle technology ensures consistent picture quality from any viewing angle, whilst X-Anti Reflection reduces glare caused by sunlight and lamps.

Our advanced Acoustic Multi Audio+ technology brings the sound of the stadium home too, creating sound that appears to come directly from where it's happening on-screen.

The smooth, aluminium Seamless Edge Bezel will harmonise

with any interior, and the 3-way TV stand offers ultimate flexibility.

Our new dedicated Gaming Menu allows you to optimise your gaming performance - quickly. It includes Motion Blur Reduction, Black Equaliser, Crosshair (available in six different styles), and Custom Screen, which allows you to maximise your view when you need to see more detail in every corner of a game and minimise it when you need your eyes to focus on a target or opposition player.

You'll access 700,000+ movies and TV episodes from across your streaming services on this Google TV, and everything is organised into topics and genres to suit your personal interests.

You can even save up to 32% more energy with this TV! Our new Eco Dashboard puts all of your eco settings in one place that's intuitive and user-friendly, so you can save energy without hassle or jargon.*

BRAVIA CAM is compatible, inviting you to enjoy video chats on the big screen, and more.

Crunchyroll - the largest anime streaming service in the world – is included on the X95L too. With a vast library of anime, manga, and other original content, movies and shows are translated and subtitled or dubbed, so you can enjoy in a variety of languages.

PrimeSupport: Our professional service package

You enjoy all the fantastic picture & sound quality of our consumer TV range, combined with the added peace of mind of our PrimeSupport Professional Service package and after sales support which includes:
- Access to our Elite helpdesk for integrator-focused, knowledgable technical support
- Advanced Exchange of any faulty products, with technical

assistance for swap & install on premise, wherever possible
-3 years standard cover , with option to extend by additional 2 years

*Default setting versus most energy efficient setting using ECO Dashboard. Consumption difference measured by 85X95L, percentage may differ by model.

Features

Mini LED. Absolute brightness and contrast.
Completely immersive with pictures full of sparkling brilliance and deep blacks. Sony's precision control and Mini LED powered by Cognitive Processor XR™ puts you right in the scene.

Lifelike contrast with deep blacks and dramatic highlights
Dazzling peak brightness, deep blacks, natural mid tones. XR Backlight Master Drive™ controls thousands of ultra dense Mini LEDs with absolute precision and independence for ultimate contrast.

Extended colour volume, now see every shade and hue
Over a billion colours reproduced with the subtle differences seen in the real world. Powered by our Cognitive Processor XR™, XR Triluminos Pro™ with a wide colour spectrum delivers natural shades in every detail.

Everything upscaled close to 4K quality
Whatever the content or source, images are upscaled close to 4K. XR 4K Upscaling accesses a vast database to intelligently recreate lost texture and detail.[1]

Less noise. Less blur. More clarity in every picture.
XR Clear Image reduces noise utlilising zone division and dynamic frame analysis, and minimises blur.

Intelligent motion processing for fast-moving, blur-free scenes

By analysing motion across several frames, Cognitive Processor XR™ with XR Motion Clarity™ ensures fast-moving sports and action-packed movies stay smooth, bright and clear.

Beautiful colours. Any angle. Any environment.

With X-Anti Reflection™, pictures are clearer with less reflection and glare. X-Wide Angle™ keeps pictures looking as beautiful from the sides as they do from the centre.

Synchronised. Maximised. Cinema-like sound.

The frame is the speaker. Hear sound straight from the screen, perfectly synchronised with action. Cognitive Processor XR™ turns any sound immersive with more precise sound positioning

Sound and pictures, precisely aligned

With Acoustic Multi-Audio+™, it feels as though sound is coming from the right place in the scene, precisely matching visuals. Far more immersive than conventional TVs where sound comes from beneath the screen.

What you want to watch all in one place

Browse 700,000+ movies and TV episodes from across your streaming services, all in one place and organised into topics and genres based on what interests you. [2]

Just say what you want to see - Hands-free Voice Search

Find favourites faster with voice search. Jump right to a show or movie just by saying it or try browsing with a voice search like "find action movies". Just say "Ok Google" to get started

Auto HDR Tone Mapping

Auto HDR Tone Mapping instantly optimises HDR settings during your PS5™ initial setup. Even in dark shadow and bright highlights, you'll see fine details and true colours

Auto Genre Picture Mode

BRAVIA™ automatically switches into Game Mode with PS5™ to minimise lag and maximise responsiveness. It switches back to Standard Mode when watching movies for more expressive scenes.[3]

Game Menu - One place for all your game settings

Never has it been easier to fine-tune your game status, settings and assist functions. All the essentials are at your fingertips for ease and comfort. [4]

One Slate. Ultra minimalist. Astonishingly immersive.

Our minimalist One Slate design fuses screen and bezel into a single slate, minimising noise and maximising your viewing experience. The aluminum stand looks slim from the front and vanishes from view when seen from an angle. [5]

Prestige 3-way stand, stylish and versatile smart and versatile

A 3-way stand gives you the choice of a standard setting that focuses you on the picture, narrow setting for smaller shelves and soundbar setting for ideal positioning of your sound system.[6]

All your eco in one place

The Eco Dashboard keeps all eco-related settings in one place, making it easy to change them individually or in one go.

Greater peace of Mind

There's the added reassurance of our 3 Years PrimeSupport Professional service package as standard, with access to an elite EU-wide helpdesk for techincal support & advanced product exchange handled by local partner, on premise where possible. You can also choose to extend your support for an additional 2 years.

Notes

[1]Upscaled, simulated and enhanced 4K images will vary based on source content.

[2]Some apps, contents and/or features may not be available in all countries.

Subject to availability.

User must connect to a Google account to use certain advertised features.

Google TV is the name of this device's software experience and a trademark of Google LLC. Google, YouTube, Chromecast built-in, Google Meet, and other marks are trademarks of Google LLC.

[3]This function works when Auto Picture Mode is ON

[4]Some features will be available via a future firmware update. Available functions may vary depending on model, region, or country.

[5]Actual look may differ depending on TV size.

[6]Actual look may differ depending on TV size.

Specifications

Common Item	
Model Year	2023

TV System	
TV System (Analog)	B/G,D/K
Tuner Channel Coverage (Analog)	45.25MHz-863.25MHz(Depend on country selection)
TV System (Digital Terrestrial)	DVB-T/T2

Tuner Channel Coverage (Digital Terrestrial)	VHF/UHF(Depend on country selection)
TV System (Digital Cable)	DVB-C
Tuner Channel Coverage (Digital Cable)	VHF/UHF/cable(Depend on country selection)
TV System (Digital Sat)	DVB-S/S2
Tuner Channel Coverage (Digital Sat)	Intermediate Frequency 950-2150MHz
Number of Tuners (Terrestrial/Cable)	2(Digital)/1(Analog)
Number of Tuners (Sat)	2
Color System	PAL/SECAM/NTSC3.58(Video only)/NTSC4.43(Video only)
CI+	Yes
Color Space	sRGB/BT709,BT2020,AdobeRGB,DCI
Operating System	Android 10
On-board Storage	32GB

(GB)

Display Features

X-Anti Reflection	Yes
Display type	LCD
X-Wide Angle	Yes
Backlight dimming type	Local Dimming

Display Specs

Screen Size (inch, measured diagonally)	65"(64.5")
Screen Size for WEB(diagonal, cm, integer or 1st decimal)	164cm
Backlight type	Direct(Full Array 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
Object-based Super Resolution	XR Super Resolution
Peak Luminance	XR Contrast Booster 20
TRILUMINOS	XR Triluminos Pro
HDR Remaster	XR HDR remaster
Smoothing	XR Smoothing
Features for PlayStation®5 Auto HDR Tone Mapping	Yes
Features for PlayStation®5 Auto Genre Picture Mode	Yes
XR Clear Image	Yes

Precision Color Mapping	- (Integrated into XR Triluminos Pro)
Face Area Detection	Yes
Picture modes	Vivid,Standard,Cinema,IMAX Enhanced,Game,Graphics,Photo,Custom,Dolby Vision (Vivid/Bright/Dark),Netflix calibrated, BRAVIA CORE calibrated
Auto Wide	Yes
Wide Mode	Wide zoom/Normal/Full/Zoom/14:9,Normal/Full1/Full2 for PC
4:3 Default	Yes
Video Processing	XR 4K Upscaling
Motion enhancer	XR Motion Clarity, Auto mode
Blinking Type	Line Blinking
24p True Cinema	Yes
Live Colour™ Technology	Yes
PhotoTV HD / BRAVIA 照片秀	Yes

for China

CineMotion/Film Mode/Cinema Drive	Yes
4K Processor	Cognitive Processor XR
HDR (High Dynamic Range) compatiblity	Yes(HDR10,HLG,Dolby Vision)
Panel Refresh Rate (Native Hertz)	100/120Hz
Dual database processing	Yes
Dynamic Contrast Enhancer	Yes

Audio Specs

Channel	2.2ch
Audio Power Output	10W + 10W + 10W + 10W + 10W + 10W
Speaker Position	Front + Side

Bass/Treble/Balance	Balance
Speaker Type	Acoustic Multi-Audio+
Speaker Configuration	Multi way Multi-amplifier connections (Mid Range x 2, Tweeter x 2, Subwoofer x 2)
Digital audio out (Optical) format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, DTS(Pass through mode only)

Audio Features

Acoustic Center Sync	Yes (S-CENTER SPEAKER IN)
Ready for 360 Spatial Sound Personalizer	Y(with WLA-NS7)
Vertical Surround Engine	Vertical Surround Engine
Acoustic Auto Calibration	Room & User Position Compensation
Speaker Type-2	Frame Tweeter
Clear Phase	Yes
S-Master	S-Master Digital Amplifier
Auto Surround	Yes

DTS audio format support	DTS Digital Surround
Sound modes	Standard, Dialog, Cinema, Music, Sports, Dolby Audio
Simulated surround sound	S-Force Front Surround
Dolby audio format support	Dolby Audio, Dolby Atmos
Voice Zoom	Voice Zoom 2
HDMI Audio Return Channel(ARC)	Yes (eARC/ARC)
Advanced Auto Volume	Yes
Auto Mute (on no signal)	Yes
HDMI input Audio format	5.1 channel linear PCM: 32/44.1/48/88.2/96/176.4/192kHz 16/20/24bits, Dolby Audio, Dolby Atmos, DTS
ARC output format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, Dolby Atmos, DTS(Pass through mode only)

Network Features

Control Menu	Yes
ECO Dashboard	Yes
Apple AirPlay	Yes
Apple HomeKit	Yes
Home Network Feature	Home Network Client, Home Network Render
Wi-Fi Direct	Yes
Wi-Fi Certified	Yes
Screen mirroring(Miracast™)	Yes (only for B2B purpose)
Video & TV SideView (iOS/Android)	Yes
Related Info	Yes (UK, Ireland, Netherlands, Belgium, Luxem
Wi-Fi Standard	a/b/g/n/ac
Wi-Fi Frequency	2.4GHz/5GHz(for Wi-Fi Direct: 2.4GHz Only)
Internet Browser	Yes
Codec for Home Network	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(H S):AVC,MPEG4,HEVC/AVI:Xvid,MotionJpeg/ASF nail only)

Wireless LAN	Integrated

Convenience Features

UVC/UAC support	Yes
TalkBack	Yes
Variable Refresh Rate (VRR)	Yes (for HDMI3/4)
Auto Low Latency Mode (ALLM)	Yes (for HDMI3/4)
Features specified in HDMI2.1	4K120/eARC/VRR/ALLM
Built-in Mic switch	Yes(Left)
X-Protection PRO	Y (with Lightning, Surge, Humidity Protection)
Electronic Program Guide (EPG)	Yes

USB HDD Recording	Yes(1Rec)(Except Italy)
USB playback codecs	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVC
Built-in Mic	Yes
Screen Reader	Yes
Audio Description	Yes
Text Magnification	Yes
Accessibility Shortcut	Yes
Switch Access	Yes
Auto Picture Mode	Yes
Text Input Language	ARA / BUL / CAT / HRV / CES / DAN / DUT / ENG / ES
Chromecast built-in	Yes

Voice Search	Yes*1 *1 Hands Free feature(Built-in Mic) availability depen
Application Store	Yes (Google Play Store)
BRAVIA Sync (including HDMI-CEC)	Yes
i-Manual	Yes
Parental Control	Yes
Channel Block (with password)	Digital
On Screen Clock	Yes
Sleep Timer	Yes
On/Off Timer	Yes
USB drive format support	Yes (Supported File System: FAT16/FAT32/exFAT/NTF
Display Language	AFR,AMH,ARA,ASM,AZE,BEL,BUL,BEN,BOS,CAT,CZE,D

Sensing Features

Sensor	Light/Color

Eco and Energy saving

Power Requirements (voltage)	220 V - 240 V AC
Power Requirements (frequency)	50 Hz
Power Consumption (in Standby)	0.50 W
Power consumption(Networked Standby)	2.00W(Wi-Fi) / 2.00W(LAN) / 0.50W(CEC)
SORPLAS	Yes
EEA SDR RANK	F
ECO Friendly	Yes
On Mode Power Consumption (Lot 5)	101 kWh/1000h
Mercury content(mg)	0.0
Lead Content	Yes

Dynamic Backlight Control	Yes
Power Saving Mode / Back Light Off Mode	Yes

General Features

Smart TV	Google TV
BRAVIA CORE Calibrated mode	Yes
Auto Calibration with CalMAN	Yes
Netflix Calibrated mode	Yes
IMAX Certified Model	Yes
Closed Captions (Digital)	Subtitle
Demo Mode	Yes(e-POP only)

Broadcast Features

Teletext	Yes
Teletext number of	

pages	1000 pages

Design Features

Stand Position	3way position (Standard position/Narrow position/Soundbar position)
Stand Color	Dark Silver
Bezel Design	Seamless edge
Cable Management	Yes
Frame color	Dark Silver
Stand Design	Aluminum Edge Stand

Inputs and Outputs

HDMI Signal	4096x2160p(24,50,60Hz), 3840x2160p(24,25,30,50,60,100,120Hz)*2 , 1080p(24,30,50,60,100,120Hz), 1080i(50,60Hz), 720p(24,30,50,60Hz), 576p, 480p *2 100Hz and 120Hz is supported by HDMI IN 3 and IN 4
HDCP	HDCP2.3(for HDMI1/2/3/4)

Bluetooth profile support	Version 4.2,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)
IF (Satellite) Input(s)	2(Side)
Composite Video Input(s)	Hybrid w/S-Center Speaker Input x1(Side, Mini jack)
HDMI inputs total	4(4Side)
Analog Audio Input(s) (Total)	1(Side Analog Conversion)
Digital Audio Output(s)	1(Side)
USB ports	2(Side)
Ethernet inputs	1(Side)
PCMCIA Slot(s)	1(Top)

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)

Regulation and Standard Compliance

VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch(W x H)	30.0 x 30.0 cm

Measurements (Approx.)

Dimension of TV without Stand (W x H x D)	Approx. 144.3 x 83.5 x 6.2 (3.99) cm
TV with Stand (Standard position) (W x H x D)	Approx. 144.3 x 84.6 x 34.1 cm

TV with Stand (Narrow position) (W x H x D)	Approx. 144.3 x 85.8 x 34.1 cm
TV with Stand (Soundbar position) (W x H x D)	Approx. 144.3 x 90.7 x 34.1 cm
Dimension of Package Carton (W x H x D)	Approx. 157.4 x 97.2 x 20.0 cm
Stand width (Standard position)	Approx. 144.2 cm
Stand width (Narrow position)	Approx. 50.0 cm
Stand width (Soundbar position)	Approx. 144.2 cm
AC Cable Length	1500mm

Weights (Approx.)

Weight of TV without Stand	Approx. 32.2 kg
TV with Stand (Standard position)	Approx. 33.7 kg
TV with Stand (Narrow position)	Approx. 33.7 kg

TV with Stand (Soundbar position)	Approx. 33.7 kg
Weight of Package Carton(Gross)	Approx. 43 kg

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-TX910U
Remote Control	RMT-TX450E
Batteries	LR03+R03
AC Power Cord Spec	(Pig-tail43mm) (EUROPE) (2pin) (round pins Type C)

Operating Instructions	EN,FR,ES,NL,DE,PT,IT,SE,DK,FI,NO,PL,CZ,SK,HU,RO,BG
Quick Setup Guide / Supplement CUE (GA)	EN,FR,ES,NL,DE,PT,IT,DK,NO,SE,FI,PL,CZ,SK,HU,RO,BG
Table Top Stand	Separate (Assembly required)

Optional Accessories

Camera Unit (option)	CMU-BC1
Wallmount Bracket	SU-WL450(Terminal access limitation, refer to SU-WL450 product page), SU-WL850(Refer to Country/Area Handling Chart)

PrimeSupport

Included PrimeSupport	3 Years with advanced exchange handled by local partner, on premise where possible. Optional +2 years extension.

Gallery