

## FWD-77XR80

BRAVIA 8 Series OLED 77" 4K Display with Google TV & 3 years PrimeSupport



### Specifications

#### Common Item

Marketing Name	BRAVIA 8
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8 digit code	12648611
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Model Year	2024
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#### TV System

TV System (Analog)	B/G,D/K
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Tuner Channel Coverage (Analog)	45.25MHz-863.25MHz (Depend on country selection)
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TV System (Digital Terrestrial)	DVB-T / T2
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Tuner Channel Coverage (Digital Terrestrial)	VHF / UHF (Depend on country selection)
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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
CI+	Yes
Color Space	sRGB / BT709, BT2020, AdobeRGB, DCI
Operating System	Android 12
On-board Storage (GB)	32GB

## Display Features

Display type	OLED
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## Display Specs

Screen Size (inch, measured diagonally)	77" (76.7")
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Screen Size for WEB(diagonal, cm, integer or 1st decimal)	195 cm
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Display resolution (H x V, pixels)	3840 x 2160
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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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Display Resolution	QFHD
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Aspect Ratio	16:9
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## Video Features

Peak Luminance	XR Contrast Booster 15
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TRILUMINOS	XR Triluminos Pro
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Features for PlayStation®5 Auto HDR Tone Mapping	Yes
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Features for PlayStation®5 Auto Genre Picture Mode	Yes
XR Clear Image	Yes
Picture modes	Vivid, Standard, Cinema, Professional, Calm, Photo, IMAX Enhanced, Dolby Vision (Vivid / Bright / Dark / Game), FPS game, RTS game
Auto Wide	Yes
Wide Mode	Full / Vertical Fit / Horizontal Fit / Original, Full / Vertical Fit / Horizontal Fit / Original
Motion enhancer	XR Motion Clarity, Auto mode
Blinking Type	Frame Blinking
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)
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Panel Refresh Rate (Native Hertz)	120Hz
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Dynamic Contrast Enhancer	Yes
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## Audio Specs

Channel	2.1ch
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Audio Power Output	13W + 13W + 10W + 10W + 10W *1
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Speaker Position	Front + Side
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Bass / Treble / Balance	Balance
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Speaker Type	Acoustic Surface Audio+
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Speaker Configuration	Actuator x 2, Tweeter x 2, Subwoofer x 1
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Digital audio out (Optical) format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, DTS
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## Audio Features

Acoustic Center Sync	Yes (S-CENTER SPEAKER IN)
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Ready for 360 Spatial Sound Personalizer	Yes (via Bluetooth)
Simultaneous Sound Output with TV Speaker	Bluetooth A2DP Device
Vertical Surround Engine	Vertical Surround Engine
Acoustic Auto Calibration	Room & User Position Compensation
Speaker Type-2	Sound Positioning Tweeter
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
Simulated surround sound	S-Force Front Surround
Dolby audio format support	Dolby Audio, Dolby Atmos

Voice Zoom	Voice Zoom 3 (Also available with compatible Sony Soundbar)
HDMI Audio Return Channel(ARC)	Yes (eARC / ARC)
Advanced Auto Volume	Yes
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, 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 (Depend on country)
Internet Browser	Yes
Codec for Home Network	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) / 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)
Built-in Mic switch	Yes (Center)
X-Protection PRO	Y (with Lightning, Surge, Humidity Protection)
Electronic Program Guide (EPG)	Yes
USB HDD	Yes (1Rec) (Except Italy)

Recording	
USB playback codecs	MPEG1:MPEG1 / MPEG2PS:MPEG2 / MPEG2TS (HD) (Screen nail only)
Built-in Mic	Yes
Text Input Language	ARA / BUL / CAT / HRV / CES / DAN / DUT / ENG / E
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)	Digital
On Screen Clock	Yes
Sleep Timer	Yes
On/Off Timer	Yes

USB drive format support	Yes (Supported File System: FAT16 / FAT32 / exFAT)
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Display Language	AFR,AMH,ARA,ASM,AZE,BEL,BUL,BEN,BOS,CAT,CZ
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## Sensing Features

Sensor	Light
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## Energy Saving & Efficiency

SORPLAS	Yes
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EEA SDR RANK	E
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On mode power 1000h SDR(New lot5)	107 kWh / 1000h
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Mercury content(mg)	0.0
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Lead Content	Yes
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Power Saving Mode / Back Light Off Mode	Yes
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## General Features

Smart TV	Google TV
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SONY PICTURES CORE Calibrated mode	Yes
Prime Video Calibrated mode	Yes *2
Auto Calibration with CalMAN	Yes
Netflix Calibrated mode	Yes (Adaptive Calibrated Mode)
IMAX Certified Model	Yes
SONY PICTURES CORE	10 credits / 24 months

## Accessibility Features

Color Inversion	Yes
Screen Reader	Yes
Audio Description	Yes
Closed Captions (Digital)	Subtitle
Text Magnification	Yes
Accessibility Shortcut	Yes

Voice Search	Yes
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Menu timeout settings	Yes
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Power-on Volume settings	Yes
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TalkBack	Yes
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Switch Access	Yes
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## Broadcast Features

Teletext	Yes
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Teletext number of pages	1000 pages
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## Design Features

Stand Position	4way position (Outside / Inside / Outside for Soundbar / Inside for Soundbar)
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Stand Color	Dark silver
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Bezel Design	Seamless Edge
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Cable Management	Yes
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Frame color	Dark Silver / Vibration finish
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Stand Design	Underlay stand
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## Inputs and Outputs

HDMI Signal	4096x2160p (24,50,60Hz), 3840x2160p (24,25,30,50,60,100,120Hz) *3, 1080p (24,30,50,60,100,120Hz), 1080i (50,60Hz), 720p (24,30,50,60Hz), 576p, 480p
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)
IF (Satellite) Input(s)	2 (Side)
HDMI inputs total	4 (4Side)
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)

## Power

Power consumption (Networked Standby Mode)	2.00W (Wi-Fi) / 2.00W (LAN) / 0.50W (CEC)
Power Requirements (voltage)	220 V - 240 V AC
Power Requirements (frequency)	50 Hz
Rated Power Consumption	619 W
Power Consumption	

(Standby Mode) 0.50 W

## Regulation and Standard Compliance

VESA® Hole Spacing  
Compatible Yes

VESA® Hole Pitch (W x  
H) 30.0 x 30.0 cm

## Measurements (Approx.)

TV with Stand (Inside  
for Soundbar) (W x H x  
D) Approx. 171.3 x 106.6 x 40.5 cm

Dimension of TV  
without Stand (W x H x  
D) Approx. 171.3 x 98.4 x 3.8 cm

TV with Stand  
(Standard position) (W  
x H x D) Approx. 171.3 x 101.2 x 40.5 cm

TV with Stand (Narrow  
position) (W x H x D) Approx. 171.3 x 101.2 x 40.5 cm

TV with Stand  
(Soundbar position)  
(W x H x D) Approx. 171.3 x 106.6 x 40.5 cm



Dimension of Package Carton (W x H x D)	Approx. 191.2 x 111.5 x 19.1 cm
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Stand width (Standard position)	Approx. 125.8 cm
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Stand width (Narrow position)	Approx. 59.6 cm
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Stand width (Soundbar position)	Approx. 125.8 cm
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AC Cable Length	3500 mm
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## Weights (Approx.)

Stand Width (Inside for Soundbar)	Approx. 59.6 cm
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TV with Stand (Inside for Soundbar)	Approx. 34 kg
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Weight of TV without Stand	Approx. 32.3 kg
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TV with Stand (Standard position)	Approx. 34 kg
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TV with Stand (Narrow position)	Approx. 34 kg
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TV with Stand	
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(Soundbar position)      Approx. 34 kg

Weight of Package  
Carton(Gross)              Approx. 44 kg

## Carton Spec

Max Qty of carton  
stacking (vertical)              4

Max Qty of carton  
stacking (horizontal)      N/A  
\*only for Shop Front

## Supplied Accessories

Voice Remote  
Control  
(supply)              Yes  
included  
Rechargeable  
Battery

USB Type-C  
Cable              Yes

Voice Remote  
Control              RMF-TX920U  
(Supply)

Remote Control	RMT-TX450E
Batteries	R03
AC Power Cord Spec	Joint Type (Pig-tail43mm) (ASIA) (2pin) (C18) + Bundle (2pin) (round pins Type F) + Bundle (C17) (SWISS) (2pin Type C)
Operating Instructions	EN,FR,ES,NL,DE,PT,IT,SE,DK,FI,NO,PL,CZ,SK,HU,RO,B
Quick Setup Guide / Supplement CUE (GA)	EN,FR,ES,NL,DE,PT,IT,DK,NO,SE,FI,PL,CZ,SK,HU,RO,B
Table Top Stand	Separate (Assembly required)

## Optional Accessories

Camera Unit (option)	CMU-BC1
Wallmount Bracket	Sony original Wall-Mount Bracket *4

## Notes

\*1 Except in Power Saving Mode.

\*2 Firmware update may be required.

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\*3 100Hz and 120Hz is supported by  
HDMI IN 3 and IN 4

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\*4 Please refer this compatibility list :  
[https://www.sony.net/wall-  
mount-bracket](https://www.sony.net/wall-mount-bracket)

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## Gallery



