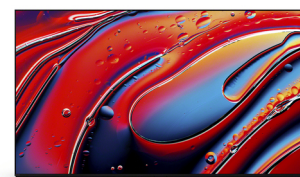


## Sony Professional FWD-85XR90 2.16 m (85") 4K Ultra HD Smart TV Wi-Fi Black



**Brand :** Sony

**Product family:** Professional

**Product code:**  
FWD-85XR90/UK

**Product name :** FWD-85XR90

- 4K QLED XR/Mini LED Display
- XR Backlight Master Drive with High Peak Luminance
- XR Contrast Booster 30 enhances contrast accuracy and energy efficiency
- Flagship XR™ Processor – exquisite detail and upscaling
- Over a billion colours with XR Triluminos PRO
- 120Hz panel with XR Motion Clarity
- Acoustic Multi Audio – Sound harmonised with action on screen
- Google TV – A world of entertainment at your fingertips
- Dolby Atmos / Dolby Vision / IMAX Enhanced
- Seamless edge Bezel and minimalist design
- ECO remote
- ECO dashboard with power consumption monitoring

85", QHD, LCD, XR, HDR, 120Hz, 70W RMS

Sony Professional FWD-85XR90. Display diagonal: 2.16 m (85"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, Screen shape: Flat, LED backlighting type: Mini LED.

Smart TV. Motion interpolation technology: XR Motion Clarity, Native aspect ratio: 16:9. Digital signal format system: DVB-S, DVB-C, DVB-S2, DVB-T, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black

Display		Performance	
Display diagonal *	2.16 m (85")	24p support	✓
HD type *	4K Ultra HD	High Dynamic Range (HDR) supported *	✓
Display technology *	LED	Game features	Auto Low Latency Mode (ALLM), Variable Refresh Rate (VRR)
LED backlight	✓	Calman Ready	✓
LED backlighting type	Mini LED	Parental control	✓
Screen shape *	Flat	USB recording	✓
Native aspect ratio *	16:9	<b>Ports &amp; interfaces</b>	
Supported graphics resolutions	3840 x 2160	Audio Return Channel (ARC)	✓
Motion interpolation technology *	XR Motion Clarity	HDCP	✓
Native refresh rate	120 Hz	HDCP version	2.3
Viewing angle, horizontal	178°	PC in (D-Sub) *	✗
Viewing angle, vertical	178°	Ethernet LAN (RJ-45) ports	1
Display resolution *	3840 x 2160 pixels	USB 2.0 ports quantity *	2
Display diagonal (metric)	215 cm	Digital audio optical out	1
<b>TV tuner</b>		RF ports quantity	1
Tuner type *	Analog & digital	Common interface Plus (CI+) *	✓
Analog signal format system *	SECAM D/K, PAL BG	HDMI ports quantity *	4
Digital signal format system *	DVB-S, DVB-C, DVB-S2, DVB-T, DVB-T2	Consumer Electronics Control (CEC)	BRAVIA Sync
Number of tuners	3 tuner(s)	<b>Management features</b>	
Supported TV bands	VHF, UHF	Electronic Programme Guide (EPG)	✓
<b>Smart TV</b>		Sleep timer	✓
Smart TV *	✓	On/Off timer	✓
Internet TV *	✓	<b>Power</b>	
Operating system installed *	Android TV	Power consumption (typical) *	528 W
Operating system version	12	Power consumption (standby) *	0.5 W
Apple AirPlay 2 support	✓	Energy efficiency class (SDR) *	D
Smart modes	Dolby Vision Dark, IMAX Enhanced, Standard, Dolby Vision Vivid, Photo, Cinema, RTS, Vivid, FPS, Dolby Vision, Netflix Calibrated, Dolby Vision Bright	Energy efficiency class (HDR) *	G
		Energy consumption (SDR) per 1000 hours *	99 kWh
App distribution platform	Google Play		

Audio		Power	
Number of speakers *	8	Energy consumption (HDR) per 1000 hours *	160 kWh
RMS rated power *	70 W	AC input voltage	220 - 240 V
Audio output channels	2.2.2 channels	AC input frequency	50 Hz
Audio decoders	DTS-HD HR, DTS-HD Master Audio, DTS:X, Dolby Audio, DTS Digital Surround, DTS Express	Energy saving mode	✓
Auto volume leveller	✓	Energy efficiency scale	A to G
Enhanced Audio Return Channel (eARC)	✓	Brand-specific features	
Network		Sony technologies (AV/TV)	XR Clear Image, Auto Genre Picture Mode, XR Contrast Booster, Auto HDR Tone Mapping, Eco Dashboard, Works With Apple HomeKit, Chromecast Built-in, XR Triluminos Pro, Dolby Atmos®, XR Backlight Master Drive
Wi-Fi *	✓		
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 6 (802.11ax), 802.11g, Wi-Fi 4 (802.11n)		
Bluetooth *	✓	Weight & dimensions	
Bluetooth version	5.3	Width (with stand)	1888 mm
Ethernet LAN *	✓	Depth (with stand)	457 mm
Bluetooth profiles	SPP, A2DP, HID, HOGP, AVRCP	Height (with stand)	1097 mm
Browsing	✓	Weight (with stand)	55.7 kg
Web browser	✓	Width (without stand)	1888 mm
Design		Depth (without stand)	49 mm
		Height (without stand)	1085 mm
		Weight (without stand)	52.4 kg
		Stand width	188.2 cm
		Packaging data	
Product colour *	Black	Package width	2004 mm
VESA mounting *	✓	Package depth	226 mm
Panel mounting interface	400 x 400 mm	Package height	1220 mm
Rollable display	✗	Package weight	67 kg
Introduction year	2024	Packaging content	
Performance		Desktop stand	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), Dolby Vision, Hybrid Log-Gamma (HLG)	Cables included	AC, USB
Teletext function	✓	Remote control included	✓
Teletext	1000 pages	E-manual	✓
Ambient light sensor	✓		
Backlight dimming technology	Local Dimming		
Picture processing technology	Sony Dynamic Contrast Enhancer, Sony Live Colour		



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