Overview

Vivid, colorful 4K HDR pictures and sound that surrounds you

The BRAVIA FWD-75X81CH brings you the clarity, color, and contrast of 4K plus rich multi-dimensional sound, framed in a slim, luxurious design.

Our power-packed X1 processor boosts image detail and cuts noise, bringing you spectacular 4K HDR images that bring you closer to reality. Even lower-resolution pictures are upscaled close to 4K resolution, bringing greater clarity to everything you're viewing or presenting.

Our BRAVIA Professional Displays surround you with pure sound that pulls you right into the scene. With Dolby Atmos, sound comes from above as well as from the sides so you can hear objects moving overhead with more realism, for a truly multi-dimensional experience.

The FWD-75X81CH blends harmoniously with any contemporary interior. The display's slim blade design is complemented by a narrow screen bezel that adds an extra touch of refinement.

The BRAVIA FWD-75X81CH is ideally suited to professional use, with Pro mode allowing quick and easy
customization to suit different environments. Android TV lets you do more, with the display's intuitive built-in software platform broadening control and customization options even further. Creating attractive digital signage is simple, mixing and displaying media files and online content with no need for additional hardware. A wide range of API (Application Programming Interface) options enable remote control/monitoring and integration with external systems.

**Features**

4K image resolution (3840 x 2160 pixels)
4K offers four times the detail of Full HD, with a resolution of over 8 million pixels bringing extra clarity to corporate display, education, and digital signage applications.

More contrast, color and clarity
Our 4K HDR Processor X1™ cleans and refines picture signals, using advanced algorithms to cut noise and boost detail. Even lower-resolution images are upscaled closer to 4K with lifelike color and textures.

See finer detail
4K X-Reality PRO upscales pictures closer to true 4K quality. Images are sharpened and refined in real time, revealing extra detail from lower-resolution picture sources.

Powered by our X1 processor, TRILUMINOS Display maps colors from a wider palette, faithfully reproducing a world of more vivid, lifelike hues and tones.

Wider color with TRILUMINOS Display
Powered by our X1 processor, TRILUMINOS Display maps colors from a wider palette, faithfully reproducing a world of more vivid, lifelike hues and tones.
Less blur, even in fast scenes
Motionflow technology keeps on-screen movement smooth and clear by creating extra images between images and black segments between scenes. You'll see the difference with reduced blur and more natural, flowing motion.

Refined style to match your space
BRAVIA features a slim, contemporary blade design, with a narrow screen bezel that adds an extra touch of refinement to any interior.

Do more with Android TV
Discover a world of apps and online content powered by Android. Use Voice Search to find content easily without typing. Easily share content with Google Cast.

Works with Apple AirPlay
With Apple AirPlay it's easy to stream video and sound to BRAVIA right from an iPhone, iPad or Mac.

Google Chromecast built in
Cast videos and apps from a mobile device directly to BRAVIA with Google Chromecast. Just tap the Cast button on your Android or iOS device screen and instantly enjoy super-sized on BRAVIA.

Quick set-up with Pro Mode
Customize and store display settings and features, then copy easily to multiple displays via USB flash memory.

Easily create digital signage
Integrated support for HTML5 makes it easy to produce compelling digital signage. Combine graphics, text, video and live web content to create attractive signage in minutes with no extra hardware or special training.
Versatile remote control
Control BRAVIA remotely—including on/off, input signal select and adjust volume—over IP via RJ45 by web API.

<table>
<thead>
<tr>
<th>Specifications</th>
<th>TV System</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuner Channel Coverage (Analog)</td>
<td>VHF: 2-13/UHF: 14-69/CATV: 1-135</td>
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<tr>
<td>Tuner Channel Coverage (Digital Terrestrial)</td>
<td>VHF: 2–13/UHF: 14-69</td>
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<tr>
<td>Tuner Channel Coverage (Digital Cable)</td>
<td>CATV: 1-135</td>
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<tr>
<td>Number of Tuners (Terrestrial/Cable)</td>
<td>1(Digital/Analog)</td>
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<td>TV System (Analog)</td>
<td>M</td>
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<tr>
<td>Voice Remote Control</td>
<td>RMF-TX500U</td>
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<tr>
<td>Batteries</td>
<td>LR03</td>
</tr>
<tr>
<td>TV System (Digital Terrestrial)</td>
<td>ATSC</td>
</tr>
<tr>
<td>TV System (Digital Cable)</td>
<td>Clear QAM</td>
</tr>
<tr>
<td>Auto Mute (on no signal)</td>
<td>Yes (Audio only)</td>
</tr>
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</table>
## Display Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display type</td>
<td>LCD</td>
</tr>
<tr>
<td>Backlight type</td>
<td>Direct LED</td>
</tr>
<tr>
<td>Backlight dimming type</td>
<td>Frame Dimming</td>
</tr>
<tr>
<td>Panel Refresh Rate (Native Hertz)</td>
<td>60 Hz</td>
</tr>
<tr>
<td>PhotoTV HD / BRAVIA 照片秀 for China</td>
<td>Yes</td>
</tr>
<tr>
<td>Auto Picture Mode</td>
<td>Yes</td>
</tr>
<tr>
<td>Color Space</td>
<td>sRGB/BT709, BT2020, AdobeRGB, DCI</td>
</tr>
<tr>
<td>Color System</td>
<td>NTSC</td>
</tr>
<tr>
<td>Demo Mode</td>
<td>Yes (e-POP only)</td>
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<tr>
<td>4K Processor</td>
<td>4K HDR Processor X1</td>
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</table>

## Video Specs

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto Wide</td>
<td>Yes</td>
</tr>
<tr>
<td>Wide Mode</td>
<td>Auto/Wide, Zoom/Normal/Full/Zoom Normal/Full1/Full2 for PC</td>
</tr>
<tr>
<td>4:3 Default</td>
<td>Yes</td>
</tr>
<tr>
<td>Video Processing</td>
<td>4K X-Reality PRO</td>
</tr>
<tr>
<td>Feature</td>
<td>Specification</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>----------------------------------------------------</td>
</tr>
<tr>
<td>Motion enhancer</td>
<td>Motionflow XR 240 (Native 60Hz)</td>
</tr>
<tr>
<td>CineMotion/Film Mode/Cinema Drive</td>
<td>Yes</td>
</tr>
<tr>
<td>24p True Cinema</td>
<td>Yes</td>
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## Audio Specs

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speaker Configuration</td>
<td>Full Range (Bass Reflex) (1.38 x 3.74 in) x2</td>
</tr>
<tr>
<td>Speaker Position</td>
<td>Down Firing</td>
</tr>
<tr>
<td>Channel</td>
<td>2 ch</td>
</tr>
<tr>
<td>Speaker Type</td>
<td>Bass Reflex Speaker</td>
</tr>
<tr>
<td>Speaker Type-2</td>
<td>X-Balanced Speaker</td>
</tr>
<tr>
<td>Audio Power Output</td>
<td>10W + 10W</td>
</tr>
</tbody>
</table>

## Network specs

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wi-Fi Direct</td>
<td>Yes</td>
</tr>
<tr>
<td>Wi-Fi Certified</td>
<td>Yes</td>
</tr>
<tr>
<td>Screen mirroring (Miracast™)</td>
<td>Yes (only for B2B purpose)</td>
</tr>
<tr>
<td>Internet Browser</td>
<td>Vewd (not pre-installed)</td>
</tr>
<tr>
<td>Wireless LAN</td>
<td>Integrated</td>
</tr>
<tr>
<td>Wi-Fi Standard</td>
<td>a/b/g/n/ac</td>
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</table>
### Convenience Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>USB drive format support</strong></td>
<td>Yes (Supported File System: FAT16/FAT32/exFAT/NTFS)</td>
</tr>
<tr>
<td><strong>Voice Search</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Application Store</strong></td>
<td>Yes (Google Play Store)</td>
</tr>
<tr>
<td><strong>On Screen Clock</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Sleep Timer</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>On/Off Timer</strong></td>
<td>Yes</td>
</tr>
<tr>
<td>Feature</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Display Language</td>
<td>AFR, AMH, ARA, ASM, AZE, BEL, BUL, BEN, BOS, CAT, CZE, DAN, DEU, GRE, ENG, SPA, EST, 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</td>
</tr>
<tr>
<td>On-board Storage (GB)</td>
<td>16GB</td>
</tr>
<tr>
<td>Text Input Language</td>
<td>ENG / FRA / GER / HEB / ITA / RUS / SPA / VIE / JPN</td>
</tr>
<tr>
<td>Operating Instructions</td>
<td>US, FR</td>
</tr>
<tr>
<td>Quick Setup Guide / Supplement CUE (GA)</td>
<td>US, FR, ES, PT</td>
</tr>
<tr>
<td>Feature</td>
<td>Details</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>----------------------------------------</td>
</tr>
<tr>
<td>HDCP</td>
<td>HDCP2.3 (for HDMI 1/2/3/4)</td>
</tr>
<tr>
<td>RF (Terrestrial/Cable)</td>
<td>1 (Side)</td>
</tr>
<tr>
<td>Connection Input(s)</td>
<td></td>
</tr>
<tr>
<td>Composite Video Input(s)</td>
<td>1 (Side)</td>
</tr>
<tr>
<td>HDMI inputs total</td>
<td>4 (4 Side)</td>
</tr>
<tr>
<td>Analog Audio Input(s) (Total)</td>
<td>1 (Side Analog Conversion)</td>
</tr>
<tr>
<td>Digital Audio Output(s)</td>
<td>1 (Side)</td>
</tr>
<tr>
<td>Headphone Output(s)</td>
<td>1 (Side)</td>
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<tr>
<td>USB ports</td>
<td>2 (Side)</td>
</tr>
<tr>
<td>Ethernet inputs</td>
<td>1 (Side)</td>
</tr>
<tr>
<td>RS-232C Input(s)</td>
<td>1 (Side)</td>
</tr>
<tr>
<td>RS-232C Control</td>
<td>Yes</td>
</tr>
<tr>
<td>Video &amp; TV SideView (iOS/Android)</td>
<td>Yes</td>
</tr>
<tr>
<td>Chromecast built-in</td>
<td>Yes</td>
</tr>
<tr>
<td>Apple AirPlay</td>
<td>Yes</td>
</tr>
<tr>
<td>Apple HomeKit</td>
<td>Yes</td>
</tr>
<tr>
<td>HDMI input Audio format</td>
<td>5.1 channel linear PCM: 32/44.1/48/88.2/96/176.4/192 kHz 16/20/24 bits, Dolby</td>
</tr>
<tr>
<td>Feature</td>
<td>Specification</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td><strong>Audio, Dolby Atmos, DTS</strong></td>
<td></td>
</tr>
<tr>
<td>HDMI Audio Return Channel (ARC)</td>
<td>Yes (ARC) (for HDMI3)</td>
</tr>
<tr>
<td>HDMI-CEC</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Design Features</strong></td>
<td></td>
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<tr>
<td>Bezel Design</td>
<td>Narrow Bezel</td>
</tr>
<tr>
<td>Frame color</td>
<td>Black</td>
</tr>
<tr>
<td>Table Top Stand</td>
<td>Separate (assembly required)</td>
</tr>
<tr>
<td>VESA® Hole Spacing Compatible</td>
<td>Yes</td>
</tr>
<tr>
<td>Stand Design</td>
<td>Slim Blade Stand</td>
</tr>
<tr>
<td>Stand Color</td>
<td>Silver</td>
</tr>
<tr>
<td>VESA® Hole Pitch (W x H)</td>
<td>11.81 x 11.81 in</td>
</tr>
<tr>
<td><strong>Eco and Energy Saving</strong></td>
<td></td>
</tr>
<tr>
<td>Screen Size (inch, measured diagonally)</td>
<td>75&quot; (74.5&quot;)</td>
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<tr>
<td>Screen Size for WEB (diagonal, cm, integer or 1st decimal)</td>
<td>74.41 in</td>
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<tr>
<td>Rated Power</td>
<td>363 W</td>
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### Consumption

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Consumption (in Standby)</td>
<td>0.5 W</td>
</tr>
<tr>
<td>Annual Power Consumption</td>
<td>270 kWh/Year</td>
</tr>
<tr>
<td>Power Requirements (voltage)</td>
<td>AC 120V for UL cUL AC 110-240V for other</td>
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<tr>
<td>Power Requirements (frequency)</td>
<td>60 Hz for UL cUL 50/60 Hz for other</td>
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<tr>
<td>Power Saving Mode / Back Light Off Mode</td>
<td>Yes</td>
</tr>
<tr>
<td>Dynamic Backlight Control</td>
<td>Yes</td>
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<tr>
<td>Dynamic Contrast Enhancer</td>
<td>Yes</td>
</tr>
<tr>
<td>Sensor</td>
<td>Light</td>
</tr>
<tr>
<td>AC Power Input</td>
<td>C8 INLET (REAR)</td>
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### Measurements

<p>| Dimension of TV without Stand (W x H x D)    | 66.38 x 38.15 x 2.83 (0.59) in                      |
| Dimension of TV with Stand (W x H)           | 66.38 x 41.02 x 16.30 in                             |</p>
<table>
<thead>
<tr>
<th><strong>Dimension of Package Carton (W x H x D)</strong></th>
<th>1,810 x 1,107 x 187 mm/71.38 x 43.63 x 7.38 inch</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stand Width</strong></td>
<td>52.13 in</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td></td>
</tr>
<tr>
<td>Weight of TV without Stand</td>
<td>70.11 lb</td>
</tr>
<tr>
<td>Weight of TV with Stand</td>
<td>72.53 lb</td>
</tr>
<tr>
<td>Weight of Package Carton (Gross)</td>
<td>94.8 lb (43 kg)</td>
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<tr>
<td>Max Qty of carton stacking (vertical)</td>
<td>4</td>
</tr>
<tr>
<td>Max Qty of carton stacking (horizontal)</td>
<td>0</td>
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<tr>
<td>*Only for store front</td>
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<tr>
<td><strong>Display specifications</strong></td>
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<tr>
<td>Viewing Angle (Right/Left)</td>
<td>178(89/89) degree</td>
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<tr>
<td>Viewing Angle (Up/Down)</td>
<td>178(89/89) degree</td>
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<tr>
<td>Display Resolution</td>
<td>QFHD</td>
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<td>Feature</td>
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<td>Display resolution (H x V, pixels)</td>
<td>3840 x 2160</td>
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<td>Aspect Ratio</td>
<td>16:9</td>
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<td>Operating System</td>
<td>Android 9.0 Pie</td>
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<td><strong>Control specs</strong></td>
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<tr>
<td>Pro Mode</td>
<td>Yes</td>
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<td>IP control</td>
<td>Yes</td>
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<tr>
<td>HDMI out wake-up</td>
<td>Yes</td>
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<tr>
<td>HDR (High Dynamic Range) compatibility</td>
<td>Yes (HDR10, HLG, Dolby Vision)</td>
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<tr>
<td>Power Saving Mode / Back Light Off Mode</td>
<td>Yes</td>
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<tr>
<td>Auto Shut-off</td>
<td>Yes</td>
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<tr>
<td>Audio Power Output</td>
<td>10W + 10W</td>
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<tr>
<td>Auto Surround</td>
<td>Yes</td>
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<tr>
<td>S-Master</td>
<td>S-Master Digital Amplifier</td>
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<td>Dolby audio format support</td>
<td>Dolby Audio, Dolby Atmos</td>
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<td>Dolby Atmos</td>
<td>Yes</td>
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<tr>
<td>DTS audio format support</td>
<td>DTS Digital Surround</td>
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<td>Advanced Auto</td>
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<tr>
<td>Feature</td>
<td>Value</td>
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<tr>
<td>Volume</td>
<td>Yes</td>
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<tr>
<td>Bass/Treble/Balance</td>
<td>Balance</td>
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<tr>
<td>Digital audio out (Optical) format</td>
<td>Two channel linear PCM: 48 kHz 16 bits, Dolby Audio, DTS</td>
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<tr>
<td>ARC output format</td>
<td>Two channel linear PCM: 48 kHz 16 bits, Dolby Audio, Dolby Atmos, DTS</td>
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<tr>
<td>Clear Phase</td>
<td>Yes</td>
</tr>
<tr>
<td>Show/Hide Channels</td>
<td>Yes (Digital &amp; Analog)</td>
</tr>
<tr>
<td>Channel Block (with password)</td>
<td>Yes (Analog &amp; Digital)</td>
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<tr>
<td>Hotel Mode Menu</td>
<td>Yes</td>
</tr>
<tr>
<td>Electronic Program Guide (EPG)</td>
<td>Yes</td>
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<tr>
<td>Related Info</td>
<td>Yes (US / Canada / MX (STB))</td>
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<tr>
<td>Home Network Feature</td>
<td>Home Network Client, Home Network Renderer</td>
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<td>Parental Control</td>
<td>Yes</td>
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<td>Closed Captions (Analog)</td>
<td>Closed Caption</td>
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<td>Closed Captions (Digital)</td>
<td>Closed Caption</td>
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<td>Auto Calibration with CalMAN</td>
<td>Yes</td>
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<tr>
<td>Feature</td>
<td>Details</td>
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<td>---------------------------------</td>
<td>-------------------------------------------------------------------------</td>
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<tr>
<td>Screen Reader</td>
<td>Yes</td>
</tr>
<tr>
<td>Audio Description</td>
<td>Yes</td>
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<tr>
<td>Text Magnification</td>
<td>Yes</td>
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<tr>
<td>Accessibility Shortcut</td>
<td>Yes</td>
</tr>
<tr>
<td>Switch Access</td>
<td>Yes</td>
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<tr>
<td>4K 60P High-Quality formats</td>
<td>HDMI IN1, IN2, IN3, IN4 ports for 4K (up to 18 Gbps) signal</td>
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<tr>
<td>Cable Management</td>
<td>Yes</td>
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<tr>
<td>HDMI PC Input Format</td>
<td>640 x 480 (31.5 kHz, 60 Hz), 800 x 600 (37.9 kHz, 60 Hz), 1024 x 768 (48.4 kHz, 60 Hz), 1280 x 1024 (64.0 kHz, 60 Hz), 1152 x 864 (67.5 kHz, 75 Hz), 1600 x 900 (55.9 kHz, 60 Hz), 1680 x 1050 (65.3 kHz, 60 Hz), 1920 x 1080 (67.5 kHz, 60 Hz), 3840 x 2160p (30 Hz), 3840 x 2160p (60 Hz, 8 bits)</td>
</tr>
<tr>
<td>HDMI Signal</td>
<td>4096 x 2160p (24, 60 Hz), 3840 x 2160p (24, 30, 60 Hz), 1080p (30, 60 Hz), 1080/24p, 1080i (60 Hz), 720p (30, 60 Hz), 720/24p, 480p</td>
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<tr>
<td>Picture modes</td>
<td>Vivid, Standard, Cinema, Game, Graphics, Photo, Custom, Dolby Vision Bright, Dolby Vision Dark</td>
</tr>
<tr>
<td>Feature</td>
<td>Description</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>------------------------------------</td>
</tr>
<tr>
<td>Video Processing</td>
<td>4K X-Reality PRO</td>
</tr>
<tr>
<td>Blinking Type</td>
<td>Frame Blinking</td>
</tr>
<tr>
<td>Live Color™ Technology</td>
<td>Yes</td>
</tr>
<tr>
<td>TRILUMINOS Display</td>
<td>Yes</td>
</tr>
<tr>
<td>Object-based HDR remaster</td>
<td>Yes</td>
</tr>
<tr>
<td>i-Manual</td>
<td>Yes</td>
</tr>
<tr>
<td>AC Power Cord Spec</td>
<td>(C7L) (US) (2-pin) (flat blades)</td>
</tr>
<tr>
<td>AC Cable Length</td>
<td>62.99 in</td>
</tr>
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</table>
Gallery