

OLED B4 Series

LG OLED B4 4K Smart TV

83"

* Class size: See below for details.

- Self Lit Pixels
- Home Theater Experience with Dolby Vision, Filmmaker Mode and Dolby Atmos®
- webOS 24 & LG Channels
- α9 AI Processor
- Ultimate Gaming



DESCRIPTION

Discover the next level of picture quality and technology

The unmatched beauty of self-lit OLED pixels in the LG OLED B4 is more than meets the eye. Keep pace with the action with a native 120Hz refresh rate for smoother movement whether you're gaming or watching sports. Entertainment extras like Dolby Vision™,* Dolby Atmos®* and FILMMAKER MODE™ give you the big-picture experience straight from your couch.

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KEY FEATURES

α9 AI Processor

Refined picture, powered by AI

No more fiddling with picture settings. The α9 AI Processor 4K with AI Picture Pro identifies the type of content you're watching to automatically select the ideal setting and fine-tune the picture for the best watching experience and with Multi View with 2 screens lets you split your screen into two unique views so you can watch even more than before.

*Multi View may display 1-HDMI input, screen share, or select apps.

Ultra Slim Design

Less is more

The LG OLED B4 blends into the background with an almost invisible bezel for a seamless look. When you're finished watching, display paintings, photos and other content to blend the LG OLED B4 into your space.

webOS 24 & LG Channels

A galaxy of entertainment at your fingertips

No matter which TV you choose, your LG TV makes it easier than ever to find what you need and more. Browse all your favorite streaming apps and let LG Channels connect you to 100+ free channels of sports, fitness, cooking and more.*

*Internet connection and subscriptions to streaming services are required; number of LG Channels subject to change.

Self-lit Pixels

Picture that wows from scene to scene

LG's signature OLED technology creates an incredible watching experience and stellar picture quality illuminated with over 8 million self-lit pixels. Take in rich and accurate Colours from the brightest to darkest parts of the scene thanks to 100% Colour Volume* and with 100% Colour Fidelity.

*Display Colour Gamut Volume (CGV) is equivalent or exceeds the CGV of the DCI-P3 Colour space as verified independently** by Intertek.

**Third-party testing conducted by Intertek showed the Colour fidelity of the display is 100% based on CIE dE 2000 Colour difference metric calculated for 125 Colour patches distributed across the entire Colour volume. Colour difference (Delta-E) value was less than 2 for each of the 125 Colour patches.

Ultimate Gaming

Game with the power of LG OLED

Packed with gaming features, the LG OLED B-Series comes with everything you need to win. Experience crisp, smooth imagery from a 0.1ms response time and native 120Hz refresh rate. All LG OLED TVs have NVIDIA G-Sync, AMD FreeSync Premium and VRR to further improve gaming quality. Four HDMI 2.1 inputs allow you to plug in all the devices you need. Whether you game on consoles or on the cloud,* the LG Game Dashboard and Game Optimizer put all the control at your fingertips.

*Subscription and compatible gaming controller are required.

PICTURE (PANEL)	
Display Type	4K OLED
Display Resolution	4K Ultra HD (3,840 x 2,160)
Backlight Type	-
Display Size	83
Refresh Rate	120HZ Native
Perfect Black	Yes
Wide Colour Gamut	OLED Color

PICTURE (PROCESSING)	
Picture Processor	α9 AI Processor 4K Gen7
Number of CPUs	Quad
AI Picture Pro	Yes
AI Upscaling	α9 AI Super Upscaling 4K
Dynamic Tone Mapping	Yes (OLED Dynamic Tone Mapping Pro)
HDR Expression Enhancer	Yes
AI Emotional Remastering	-
AI Genre Selection	Yes (SDR/HDR)
AI Brightness Control	Yes
HDR (High Dynamic Range)	Dolby Vision / HDR10 / HLG
FILMMAKER MODE™	Yes
HFR (High Frame Rate)	4K 120 fps (HDMI, USB)
Dimming Technology	Pixel Dimming
Motion	OLED Motion
QMS (Quick Media Switching)	Yes
HEVC	4K@120p, 10bit
VP9 (Video Decoder)	4K@60p, 10bit
AV1 (Video Decoder)	4K@60p, 10bit
Auto Calibration	Yes
Picture Mode	10 modes (Personalized Picture Wizard, Vivid, Standard, Auto Power Save, Cinema, Sports, Game, Filmmaker, (ISF)Expert(Bright Room), (ISF)Expert(Dark Room))

GAMING	
G-Sync Compatible (Nvidia)	Yes
FreeSync Compatible (AMD)	Yes
HGIG Mode	Yes
Game Optimizer	Yes (Game Dashboard)
ALLM (Auto Low Latency Mode)	Yes
VRR (Variable Refresh Rate)	Yes (Up to 144Hz)
Response Time	Less than 0.1ms
Dolby Vision for Gaming (4K 120Hz)	Yes

SMART TV	
Operating System (OS)	webOS 24
ThinQ	Yes
Intelligent Voice Recognition	Yes
Magic Remote Control	Built-In
Amazon Alexa	Yes (Built-in)
Naver Clova	-
Yandex AI	-
Works with Hey Google	Yes
Home	Yes
AI Recommendation	Yes
Home Hub	Yes
LG Hub	Yes

Works with Apple Home	Yes
Works with Apple Airplay2	Yes
Smartphone Remote App	Yes (LG ThinQ)
Hands-free Voice Control	Yes
App Store	Yes (App)
Full Web Browser	Yes
LG Channels	Yes
Live Plus	Yes
Sports	Yes
Multi View	Yes
Room to Room Share	Yes (Sender/Receiver)
Family Settings	Yes
Always Ready	Yes
USB Camera Compatible	Yes
Home Office	Yes
Game Service	Yes
Music Service	Yes
Matter	Yes
AI Concierge	Yes
Tips	Yes

AUDIO	
Audio Output	40W
Woofer / per Channel Output	WF : 20W, 10W per Channel
Speaker System	2.2 channel
Speaker Direction	Down Firing (Front Firing when standing)
Dolby Atmos	Yes
DTS:X (by-pass only)	Yes
AI Sound	α9 AI Sound Pro (Virtual 9.1.2 Up-mix)
Clear Voice Pro	Yes (Auto Volume Leveling)
AI Acoustic Tuning	Yes
WISA Ready	Yes (Up to 2.1 Channel)
LG Sound Sync	Yes
Sound Mode Share	Yes
Simultaneous Audio Output	Yes
Bluetooth Surround Ready	Yes (2 Way Playback)
WOW Orchestra	Yes
Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)

BROADCASTING	
Digital TV Reception	ATSC1.0 (Terrestrial), QAM (Cable)
Analog TV Reception	Yes
Multi Tuner	-
Data Broadcasting (Country Spec)	-
CI + (Common Interface)	-
Teletext Page	-
Teletext (Top/Flof/List)	-
[DVB] Subtitle	-
[ATSC] Closed Caption	Yes
AD (Audio Description)	Yes
EPG (8days)	Yes

CONNECTIVITY

HDMI Input	4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS (4 port))
Simplink (HDMI CEC)	Yes
HDMI Audio Return Channel	eARC (HDMI 2)
USB Input	3ea (v 2.0)
Wi-Fi	Yes (Wi-Fi 5)
Bluetooth Support	Yes (v 5.1)
Ethernet Input	1ea
Composite In (AV)	-
CI Slot	-
B-CAS Slot	-
RF Input (Antenna/Cable)	1ea
SPDIF (Optical Digital Audio Out)	1ea
Headphone output	-
Line out	-
RS-232C Input (Min Jack)	Yes
IR Blaster	Yes

ACCESSIBILITY

High Contrast	Yes
Gray Scale	Yes
Invert Colors	Yes

POWER

Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5W
Energy saving Mode	Yes
Illuminance Green sensor	Yes
Energy Standard	Yes
ENERGY STAR® Qualified	Yes

ACCESSORIES INCLUDED

Remote	Magic Remote MR24
Remote Control Batteries	Yes (AA x 2EA)
Component / AV Gender	-
IR Blaster Cable	-
Power Cable	Yes (Attached)

ADDITIONAL FEATURE

OSD Language	4 language (webOS) (한국어/English/Espanol/Francis)
Time Machine (DVR)	-
Digital Recording	-
Time Shift	-
Watch & Record	-
Chromecast	Yes
IP Control	Yes

Content Partners	<p>For English: LG Channels, Netflix, Prime Video, Disney+, Crave, TSN, CBC GEM, Apple TV, Paramount+, Youtube, Apple Music, Spotify and more</p> <p>For French: LG Channels, Netflix, Prime Video, Disney+, Crave, RDS, ICI TOU.TV, Apple TV, Paramount+, Youtube, Apple Music, Spotify and more</p>
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OLED83B4PUA (83.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	72.9" x 43.0" x 11.0"
TV Dimensions without Stand (WxHxD)	72.9" x 41.8" x 2.2"
Shipping Dimensions (WxHxD)	80.7" x 47.6" x 11.2"
TV Stand	47.2" x 11.0"
TV Weight with Stand	92 lbs
TV Weight without Stand	71.2 lbs
Shipping Weight	123.5 lbs
VESA Mounting (W x H)	400 x 400
UPC	195174093443

OPTIONAL ACCESSORIES (SOLD SEPARATELY)

Stand	-
Wall Mount	WB24GCB / WB21EB
Floor Stand	-

WARRANTY

Limited Warranty	1 Year Parts & Labor
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