LG OLED TV

LG

OLED B4 Series
LG OLED TV B4

| 77" | 65" | 55" |

* Class size: See below for details.

- **Self Lit Pixels**
- **Home Theater Experience with Dolby Vision, Filmmaker Mode and Dolby Atmos®**
- **webOS 24 & LG Channels**
- **α8 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

α8 AI Processor

Refined picture, powered by AI
No more fiddling with picture settings. The α8 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.

*Muti 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 300+ 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 colors from the brightest to darkest parts of the scene thanks to 100% Color Volume* and with 100% Color Fidelity.

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

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

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PICTURE (PANEL)

Display Type	4K OLED
Display Resolution	4K Ultra HD (3,840 x 2,160)
Refresh Rate	120Hz Native
Perfect Black	Yes
Wide Color Gamut	OLED Color
100% Color Fidelity	Yes
100% Color Volume	Yes

PICTURE (PROCESSING)

Picture Processor	α8 AI Processor 4K
AI Picture	Yes
AI Upscaling	AI Super Upscaling 4K
Dynamic Tone Mapping	Yes (Dynamic Tone Mapping Pro)
HDR (High Dynamic Range)	Dolby Vision / HDR10 / HLG
Dolby Vision	Yes
FILMMAKER MODE™	Yes
Dimming Technology	Pixel Dimming
Motion	OLED Motion

GAMING

Game Optimizer	Yes (Game Dashboard)
G-Sync Compatible (Nvidia)	Yes
FreeSync Compatible (AMD)	Yes
VRR (Variable Refresh Rate)	Yes
ALLM (Auto Low Latency Mode)	Yes
HGIG Mode	Yes
Response Time	<0.1 ms

SMART TV

Operating System (OS)	webOS 24
ThinQ	Yes
Intelligent Voice Recognition	Yes
Magic Remote Control	Included
Home Hub	Yes
Amazon Alexa (Built-in)	Yes (Built-in)
Works with Amazon Alexa	Yes
Works with Hey Google	Yes
Works with Apple Home	Yes
Works with Apple Airplay2	Yes
Chromecast built-in	Yes
App Store	Yes (App)
Full Web Browser	Yes
LG Channels	Yes
Who.Where.What?	Yes
Sports Alert	Yes
Multi View	Yes
Room to Room Share	Yes (Receiver)
Always Ready	Yes
USB Camera Compatible	Yes
Home Office	Yes
Game Service	Yes
Music Service	Yes

Matter	Yes
AI Concierge	Yes
Family Settings	Yes
Content Partners	Netflix, Max, Disney+, YouTube, Prime Video, ESPN, Apple TV, Sling TV and more

AUDIO

Speaker System	2.0 channel
Speaker Direction	Down Firing
Dolby Atmos	Yes
AI Sound	α8 AI Sound Pro (Virtual 9.1.2 Up-mix)
DTS:X (by-pass only)	Yes
Clear Voice Pro	Yes (Auto Volume Leveling)
WiSA Ready	Yes (Up to 2.1 Channel)
Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)
LG Sound Sync	Yes
Sound Mode Share	Yes
Bluetooth Surround Ready	Yes (2 Way Playback)

CONNECTIVITY

Wi-Fi Standard	Yes (Wi-Fi 5)
Bluetooth Support	Yes (v 5.1)
IP Control	Yes
Simplink (HDMI CEC)	Yes
TV Tuner	ATSC1.0 (Terrestrial), QAM (Cable)
Smartphone Remote App	Yes (LG ThinQ)
HDMI Input	4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS (4 port))
HDMI Audio Return Channel	eARC (HDMI 3)
USB Input	2ea (v 2.0)
RF Input (Antenna/Cable)	1ea
Ethernet Input	1ea
RS-232C Input (Min Jack)	Yes
SPDIF (Optical Digital Audio Out)	1ea

POWER

Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5W
Power Consumption	77": 160.6 W 65": 125.7 W 55": 105.2 W
Annual Power Consumption	77": 296 kWh/y 65": 232 kWh/y 55": 195 kWh/y

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OLED77B4PUA (77.8" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	67.7" x 41.6" x 12.6"
TV Dimensions without Stand (WxHxD)	67.7" x 38.9" x 2.0"
Shipping Dimensions (WxHxD)	74.8" x 44.5" x 7.9"
Stand Width	55.2"
TV Weight with Stand	51.8 lbs
TV Weight without Stand	50.5 lbs
Shipping Weight	75.4 lbs
VESA Mounting (W x H)	300 x 200
UPC	195174077221

OLED65B4PUA (65.3" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	57.0" x 35.3" x 9.3"
TV Dimensions without Stand (WxHxD)	57.0" x 32.8" x 1.8"
Shipping Dimensions (WxHxD)	65.4" x 37.4" x 6.8"
Stand Width	41.6"
TV Weight with Stand	38.1 lbs
TV Weight without Stand	37.7 lbs
Shipping Weight	54.7 lbs
VESA Mounting (W x H)	300 x 200
UPC	195174078174

OLED55B4PUA (55.3" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	48.3" x 30.4" x 9.3"
TV Dimensions without Stand (WxHxD)	48.3" x 27.9" x 1.8"
Shipping Dimensions (WxHxD)	55.9" x 32.7" x 6.8"
Stand Width	41.6"
TV Weight with Stand	32 lbs
TV Weight without Stand	31.5 lbs
Shipping Weight	43.9 lbs
VESA Mounting (W x H)	300 x 200
UPC	195174077290

ACCESSORIES INCLUDED

Remote	Magic Remote MR24
Remote Control Battery	Yes (AA x 2EA)
Power Cable	Yes (Attached)
Quick Start Guide	Yes
E-Manual	Yes

OPTIONAL ACCESSORIES (SOLD SEPARATELY)

Stand	–
Wall Mount	77": OLW480 65": OLW480 55": OLW480
Floor Stand	65": FS22GB 55": FS22GB

WARRANTY

Limited Warranty	1 Year Parts & Labor