



83 Inch LG OLED AI B6 4K Smart TV
2026

OLED83B6GUA

Key Features

- Perfect Black and Perfect Color ensures deeper contrast and vivid, accurate color in any light.
- Up to 120Hz in 4K with G-SYNC compatibility and FreeSync Premium for smoother, winning gameplay
- Award-winning webOS brings advanced AI experiences—powered by Google Gemini and Microsoft Copilot



All Spec

DIMENSIONS AND WEIGHTS

TV Weight with Stand 27.7	Packaging Dimensions (WxHxD) 1990 x 1200 x 187	Packaging Weight (Overseas) 37.9	TV Dimensions without Stand (WxHxD) 1842 x 1055 x 52.9
TV Dimensions with Stand (WxHxD) 1842 x 1084/1144 x 300	TV Stand (WxD) 1477 x 300	TV Weight without Stand 26.7	VESA Mounting (WxH) 400 x 400

ACCESSIBILITY

Gray Scale	High Contrast	Invert Colors
Yes	Yes	Yes

ACCESSORIES INCLUDED

Power Cable	Remote
Yes (Attached)	AI Magic Remote MR26

AUDIO

AI Sound α8 AI Sound Pro (Virtual 11.1.2 Up-mix)	Audio Codec AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, apt-X (Refer to manual)	Audio Output 20W	Clear Voice Pro Yes (AI Object Remastering Pro)
Dolby Atmos Yes	LG Sound Sync Yes	Simultaneous Audio Output Yes	Sound Mode Share Yes
Speaker Direction Down Firing	Speaker System 2.0 channel	WOW Orchestra Yes	

BROADCASTING

Analog TV Reception Yes	Digital TV Reception ATSC1.0 (Terrestrial), QAM (Cable)
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CONNECTIVITY

Bluetooth Support Yes (v 5.3)	Ethernet Input 1ea	HDMI Audio Return Channel eARC (HDMI 2)	HDMI Input 4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS, QFT)
RF Input (Antenna/Cable) 1ea	Simplink (HDMI CEC) Yes	SPDIF (Optical Digital Audio Out) 1ea	USB Input 2ea (v 2.0)
Wi-Fi Yes (Wi-Fi 5)			

GAMING

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

PICTURE (DISPLAY)

Display Resolution 4K Ultra HD (3,840 x 2,160)	Display Type 4K OLED	Refresh Rate 120Hz Native (VRR 120Hz)	Wide Color Gamut Perfect Color
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PICTURE (PROCESSING)

AI Upscaling α8 AI Super Upscaling 4K	AI Genre Selection Yes (SDR/HDR)	AI Picture Pro Yes	Auto Calibration Yes
Dimming Technology Pixel Dimming	Dynamic Tone Mapping Yes (Dynamic Tone Mapping Pro)	FILMMAKER MODE™ Yes	HDR (High Dynamic Range) Dolby Vision / HDR10 / HLG
HFR (High Frame Rate) 4K 120 fps (HDMI)	Motion OLED Motion	Picture Mode 9 modes	Picture Processor α8 AI Processor 4K Gen3
QFT (Quick Frame Transport) Yes	QMS (Quick Media Switching) Yes		

POWER

Power Supply (Voltage, Hz) AC 120V, 50/60Hz	Standby Power Consumption Under 0.5W
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SMART TV

AI Chatbot Yes	Always Ready Yes	Full Web Browser Yes	Google Cast Yes
Yes (LG ThinQ) Yes (LG ThinQ)	Intelligent Voice Recognition Yes	LG Channels Yes	Multi View Yes
Operating System (OS) webOS 26	Smartphone Remote App Yes (LG ThinQ)	USB Camera Compatible Yes	Works with Apple Airplay Yes
Works with Apple Home Yes			