

65 Inch LG OLED AI B6 4K Smart TV 2026

OLED65B6PSA

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- AI enhanced picture and sound powered by the alpha 8 AI Processor Gen3.
- Perfect Black & True Colour for deep contrast and brilliant colours, even in bright rooms.
- An immersive cinema experience with Dolby Vision & Dolby Atmos.**

🚚 Free Delivery Shipment start date will be from 6 Apr 2026 in order

This product is currently on Preorder.



All Spec

PICTURE (DISPLAY)

Display Type 4K OLED	Display Resolution 4K Ultra HD (3,840 x 2,160)	Refresh Rate 120Hz Native (VRR 144Hz)	Wide Colour Gamut Perfect Color
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PICTURE (PROCESSING)

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

GAMING

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

ACCESSIBILITY

High Contrast Yes	Grey Scale Yes	Invert Colours Yes
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DIMENSIONS AND WEIGHTS

TV Dimensions without Stand (WxHxD, mm) 1449 x 832 x 45 9	TV Dimensions with Stand (WxHxD, mm) 1449 x 900 x 218	Packaging Dimensions (WxHxD, mm) 1600 x 950 x 172	TV Stand (WxD, mm) 1069 x 218
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Features	Specs	Reviews	Support	Where to buy
17.1			17.3	24.4
				300 x 200

BAR CODE

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8806096673591

AUDIO

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

CONNECTIVITY

HDMI Audio Return Channel eARC (HDMI 2)	Bluetooth Support Yes (v 5.3)	Ethernet Input 1ea	Simplink (HDMI CEC) Yes
SPDIF (Optical Digital Audio Out) 1ea	HDMI Input 4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS, QFT)	RF Input (Antenna/Cable) 2ea	USB Input 2ea (v 2.0)
Wi-Fi Yes (Wi-Fi 6)			

SMART TV

Operating System (OS) webOS 26	USB Camera Compatible Yes	AI Chatbot Yes	AI Magic Remote Built-In
AI Voice ID Yes	Always Ready Yes	Full Web Browser Yes	Google Cast Yes
Home Hub Yes (Google Home, LG ThinQ)	Intelligent Voice Recognition Yes	LG Channels Yes	LG Shield Yes
Multi View Yes	My Page Yes	Smartphone Remote App Yes (LG ThinQ)	Works with Apple Airplay Yes
Works with Apple Home Yes			

POWER

Power Supply (Voltage, Hz) AC 100~240V 50-60Hz	Standby Power Consumption Under 0.5W
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REGULATORY

Energy Star Rating	Warranty Period
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5.5

1 Year Parts & Labor

ACCESSORIES INCLUDED

Features Specs Reviews Support Where to buy

AI Magic Remote MR26

Yes (Attached)

BROADCASTING

Analog TV Reception

Yes

Digital TV Reception

DVB-T2/T (Terrestrial), DVB-C (Cable)

CYBER SECURITY

Security Update

This product will receive security updates until 31 December 2030. For details on how to report security issues, visit <https://lgsecurity.lge.com>.

COMPLIANCE INFORMATION



[Australia Cyber Security SoC\(OLED65B6PSA\)](#)



MORE COMPLIANCE INFORMATION >

• The safety information for accessories is included with the safety information for the product and is not provided separately.