



75 inch LG Micro RGB evo AI MRGB96 4K Smart TV 2026

75MRGB96BSA

Key Features

- Next-level colour with Micro RGB Technology, powered by micro-sized LEDs.
- Certified for Triple 100% Colour Gamut Area Ratio across BT.2020, DCI-P3 and Adobe RGB colour spaces.^
- Thousands of dimming zones controlled by the advanced alpha 11 AI Processor Gen3 deliver exceptional contrast and clarity.
- Immersive movies and gaming with Dolby Vision & Dolby Atmos, up to 165Hz VRR & AMD FreeSync Premium®.^ ^
- Award-winning webOS with Google Gemini, Microsoft Copilot, Google Cast & Apple AirPlay.†
- Security updates received until 31 December 2030.



 Ask LG anything

Best Micro RGB evo for me

Micro RGB evo buying tips

Why choose LG Micro RGB evo?

All Spec

PICTURE (DISPLAY)

|                                                          |                |                             |              |
|----------------------------------------------------------|----------------|-----------------------------|--------------|
| Wide Colour Gamut                                        | Backlight Type | Display Resolution          | Display Type |
| RGB Primary Color Ultra<br>(Triple 100% Color certified) | Micro RGB      | 4K Ultra HD (3,840 x 2,160) | 4K Micro RGB |

Refresh Rate  
120Hz Native (VRR 165Hz)

## PICTURE (PROCESSING)

|                                                                        |                                                 |                                                          |                                           |
|------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------|-------------------------------------------|
| Picture Mode<br>9 modes                                                | AI Upscaling<br>Alpha 11 AI Super Upscaling 4K  | Dynamic Tone Mapping<br>Yes (Dynamic Tone Mapping Ultra) | FILMMAKER MODE™<br>Yes                    |
| HDR (High Dynamic Range)<br>Dolby Vision / HDR10 / HLG                 | HFR (High Frame Rate)<br>4K 120 fps (HDMI, USB) | Motion<br>Motion Pro                                     | Dimming Technology<br>Micro Dimming Ultra |
| Picture Processor<br>Alpha 11 AI Processor 4K Gen3 with Dual AI Engine | QFT (Quick Frame Transport)<br>Yes              | QMS (Quick Media Switching)<br>Yes                       | Auto Calibration<br>Yes                   |
| Auto Brightness Control<br>Yes                                         | AI Picture Pro<br>Yes                           | AI HDR Remastering<br>Yes                                | AI Genre Selection<br>Yes (SDR/HDR)       |

## GAMING

|                                                  |                                     |                                           |                  |
|--------------------------------------------------|-------------------------------------|-------------------------------------------|------------------|
| VRR (Variable Refresh Rate)<br>Yes (Up to 165Hz) | ALLM (Auto Low Latency Mode)<br>Yes | Motion Booster<br>Motion Booster 330      | HGIG Mode<br>Yes |
| Game Optimiser<br>Yes (Game Dashboard)           | FreeSync Compatible (AMD)<br>Yes    | Dolby Vision for Gaming (4K 120Hz)<br>Yes |                  |

## SMART TV

|                                         |                                 |                                   |                                         |
|-----------------------------------------|---------------------------------|-----------------------------------|-----------------------------------------|
| USB Camera Compatible<br>Yes            | Works with Apple Airplay<br>Yes | Operating System (OS)<br>webOS 26 | My Page<br>Yes                          |
| Multi View<br>Yes                       | LG Shield<br>Yes                | LG Channels<br>Yes                | Intelligent Voice Recognition<br>Yes    |
| Home Hub<br>Yes (Google Home, LG ThinQ) | Hands-free Voice Control<br>Yes | Works with Apple Home<br>Yes      | Smartphone Remote App<br>Yes (LG ThinQ) |

|                             |                         |                     |                    |
|-----------------------------|-------------------------|---------------------|--------------------|
| Google Cast<br>Yes          | Full Web Browser<br>Yes | Always Ready<br>Yes | AI Voice ID<br>Yes |
| AI Magic Remote<br>Built-In | AI Chatbot<br>Yes       |                     |                    |

## AUDIO

|                                                                                                            |                                  |                                 |                                                              |
|------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------|--------------------------------------------------------------|
| Audio Codec<br>AC4, AC3(Dolby Digital),<br>EAC3, HE-AAC, AAC, MP2,<br>MP3, PCM, apt-X (Refer to<br>manual) | Sound Mode Share<br>Yes          | Adaptive Acoustic Tuning<br>Yes | AI Sound<br>Alpha 11 AI Sound Pro<br>(Virtual 11.1.2 Up-mix) |
| Audio Output<br>40W                                                                                        | Clear Voice Pro<br>Yes           | Dolby Atmos<br>Yes              | LG Sound Sync<br>Yes                                         |
| Simultaneous Audio Output<br>Yes                                                                           | Speaker Direction<br>Down Firing | Speaker System<br>2.2 Channel   | WOW Orchestra<br>Yes                                         |

## CONNECTIVITY

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

## ACCESSIBILITY

|                       |                   |                      |  |
|-----------------------|-------------------|----------------------|--|
| Invert Colours<br>Yes | Grey Scale<br>Yes | High Contrast<br>Yes |  |
|-----------------------|-------------------|----------------------|--|

## POWER

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

## ACCESSORIES INCLUDED

|                |                      |
|----------------|----------------------|
| Power Cable    | Remote               |
| Yes (Attached) | AI Magic Remote MR26 |

## REGULATORY

|                               |                               |
|-------------------------------|-------------------------------|
| Warranty Period               | Energy Star Rating            |
| Definable Spec Only in LG.COM | Definable Spec Only in LG.COM |

## BROADCASTING

|                                       |                     |
|---------------------------------------|---------------------|
| Digital TV Reception                  | Analog TV Reception |
| DVB-T2/T (Terrestrial), DVB-C (Cable) | Yes                 |

## CYBER SECURITY

|                               |
|-------------------------------|
| Security Update               |
| Definable Spec Only in LG.COM |

## DIMENSIONS AND WEIGHTS

|                         |                                      |                                         |                                  |
|-------------------------|--------------------------------------|-----------------------------------------|----------------------------------|
| VESA Mounting (WxH, mm) | Packaging Weight (kg)                | TV Weight with Stand (kg)               | TV Weight without Stand (kg)     |
| 400 x 400               | 53.9                                 | 43.7                                    | 40.5                             |
| TV Stand (WxD, mm)      | TV Dimensions with Stand (WxHxD, mm) | TV Dimensions without Stand (WxHxD, mm) | Packaging Dimensions (WxHxD, mm) |
| 395 x 390               | 1673 x 1045 x 390                    | 1673 x 963 x 44.9                       | 1820 x 1205 x 253                |

## COMPLIANCE INFORMATION



Australia Cyber Security SoC(75MRGB9  
6BSA)



### MORE COMPLIANCE INFORMATION >

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