# LG OLED AI TV OLED 55B68LA 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Black




**Brand :** LG

**Product family:** OLED AI

**Product code:** OLED55B68LA.AEUD

**Product name :** TV OLED 55B68LA



LG OLED AI TV OLED 55B68LA. Display diagonal: 139.7 cm (55"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: OLED, Screen shape: Flat. Smart TV. Native aspect ratio: 16:9. Digital signal format system: DVB-T2, DVB-S2, DVB-C. Wi-Fi, Ethernet LAN. Product colour: Black

| Display | |
|---|---|
| Display diagonal * | 139.7 cm (55") |
| HD type * | 4K Ultra HD |
| Display technology * | OLED |
| Screen shape * | Flat |
| Native aspect ratio * | 16:9 |
| Native refresh rate | 120 Hz |
| Display refresh rates supported | 120 Hz, 165 Hz |
| Display resolution * | 3840 x 2160 pixels |
| Display diagonal (metric) | 139 cm |

| TV tuner | |
|---|---|
| Digital signal format system * | DVB-T2, DVB-S2, DVB-C |

| Smart TV | |
|---|---|
| Smart TV * | ✔ |
| Operating system installed * | WebOS |
| Operating system version | 26 |
| Timeshift | ✔ |
| Apple AirPlay 2 support | ✔ |
| Hybrid Broadcast Broadband TV (HbbTV) | ✔ |
| Smart modes | Filmmaker |

| Audio | |
|---|---|
| RMS rated power * | 20 W |
| Audio output channels | 2.0 channels |
| Audio decoders | Dolby Atmos |
| Speaker direction | Down firing |
| Enhanced Audio Return Channel (eARC) | ✔ |

| Network | |
|---|---|
| Wi-Fi * | ✔ |
| Wi-Fi standards | Wi-Fi 6E (802.11ax), Wi-Fi 6 (802.11ax), Wi-Fi 5 (802.11ac), 802.11g, Wi-Fi 4 (802.11n), 802.11b, 802.11a |
| Bluetooth * | ✔ |
| Bluetooth version | 5.3 |

| Performance | |
|---|---|
| Smartphone/tablet remote support | ✔ |
| USB recording | ✔ |

| Ports & interfaces | |
|---|---|
| HDMI version | 2.1 |
| Ethernet LAN (RJ-45) ports | 1 |
| USB 2.0 ports quantity * | 1 |
| Digital audio optical out | 1 |
| Headphone outputs | 1 |
| Common interface (CI) * | ✔ |
| HDMI ports quantity * | 4 |
| Consumer Electronics Control (CEC) | SimpLink |

| Management features | |
|---|---|
| Voice control | ✔ |
| Electronic Programme Guide (EPG) | ✔ |
| On Screen Display (OSD) | ✔ |
| Number of OSD languages | 38 |
| On Screen Display (OSD) languages | German, English |
| Works with Amazon Alexa | ✔ |
| Works with the Google Assistant | ✔ |

| Power | |
|---|---|
| Power consumption (standby) * | 0.5 W |
| Energy efficiency class (SDR) * | F |
| Energy efficiency class (HDR) * | G |
| Energy consumption (SDR) per 1000 hours * | 74.7 kWh |
| Energy consumption (HDR) per 1000 hours * | 122 kWh |
| AC input voltage | 100 - 240 V |
| AC input frequency | 50/60 Hz |
| Energy saving mode | ✔ |
| Energy efficiency scale | A to G |

| Certificates | |
|---|---|
| Compliance certificates | RoHS |

| Network | |
|---|---|
| Ethernet LAN * | ✔ |

| Design | |
|---|---|
| Product colour * | Black |
| VESA mounting * | ✔ |
| Panel mounting interface | 300 x 200 mm |
| Frameless design | ✔ |
| Introduction year | 2026 |
| Stand type | Center stand |

| Performance | |
|---|---|
| High Dynamic Range (HDR) technology | High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG), Dolby Vision |
| Game mode | ✔ |
| AI Upscale | ✔ |
| Backlight dimming technology | Pixel Dimming |
| Picture processing technology | LG AI Picture |
| Picture processor | α8 Gen 3 AI Processor 4K |
| High Dynamic Range (HDR) supported * | ✔ |
| AMD FreeSync | ✔ |
| AMD FreeSync type | FreeSync Premium |
| NVIDIA G-SYNC | ✔ |
| NVIDIA G-SYNC type | G-SYNC |
| Game features | Auto Low Latency Mode (ALLM), Variable Refresh Rate (VRR), HGiG, Game Dashboard |
| Multi View | ✔ |

| Brand-specific features | |
|---|---|
| LG technologies (AV/TV) | AI Super Upscaling 4K, AI Brightness Control, OLED Motion, WOW Orchestra, WOW Interface, AI Sound Pro, AI Magic Remote, Brightness Booster, ThinQ™, Dynamic Tone Mapping Pro |

| Weight & dimensions | |
|---|---|
| Width (with stand) | 1228 mm |
| Depth (with stand) | 218 mm |
| Height (with stand) | 776 mm |
| Weight (with stand) | 14.5 kg |
| Width (without stand) | 1228 mm |
| Depth (without stand) | 45.9 mm |
| Height (without stand) | 708 mm |
| Weight (without stand) | 14.3 kg |

| Packaging data | |
|---|---|
| Package width | 1420 mm |
| Package depth | 172 mm |
| Package height | 830 mm |
| Package weight | 19.9 kg |

| Packaging content | |
|---|---|
| Desktop stand | ✔ |
| Remote control type | MR26GA |
| Smart Remote included | ✔ |

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**Catalog Object Cloud**

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