

# BK550 IPS Multi-tasking Monitor

## ▶ 27BK550Y-B

27" class (27" diag)

## ▶ 24BK550Y-B

24" class (23.8" diag)



## FEATURES

### FLICKER SAFE

- Flicker Safe reduces on-screen flickers, which helps minimize eye strain and eye fatigue. By combining Flicker Safe with the proven picture quality of IPS technology, users can comfortably work throughout the day.

### READER MODE

- With a touch of a button, Reader Mode allows the reduction of blue light emissions that can be harmful to the eyes.

### SMART ENERGY SAVING

- LG's Smart Energy Saving Mode reduces power consumption without lowering the brightness of the monitor.

### COLOR CALIBRATED

- Experts have conducted color calibration tests at the production line for accurate color.

## SPECIFICATIONS

**Native Display Resolution:** 1920 x 1080

**Contrast Ratio:** 1000:1

**5MS (G to G) Response Time**

**Vesa™ Compliant Wall Mountable**

**3-Year Limited Warranty:** Parts/Labor/Backlight

## FULL HD IPS DISPLAY

Designed for professionals, this Full HD display with IPS technology minimizes color shifts and provides outstanding picture quality from virtually any viewing angle.



## INTEGRATED POWER MODULE FOR ORGANIZED WORKSPACES

The power module is integrated with the monitor, helping to reduce the amount of power modules in your workspace.



## PERSONALIZED VIEWING ANGLES AND EASY ASSEMBLY

The monitors provide comfortable viewing with versatile screen height/tilt/pivot/swivel adjustments. You can customize the display condition to create a more personal, comfortable workstation. The monitor can be easily assembled without any tools, and is also able to be wall-mounted\*.

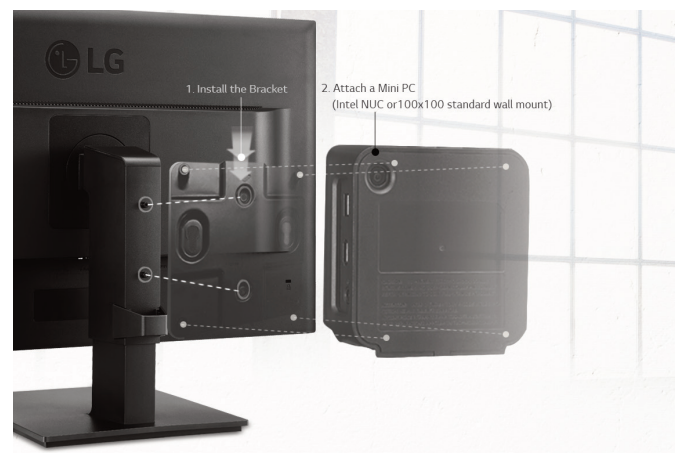
\* Wall mount sold separately



## MINI PC MOUNTING CAPABILITIES

The BK550 is designed to allow for the discreet mounting of compatible mini PCs on the rear. Using an Intel NUC or 100x100mm wall mount, users can easily mount their mini PC\*

\*Bracket and PC sold separately



# BK550

## IPS Multi-tasking Monitor

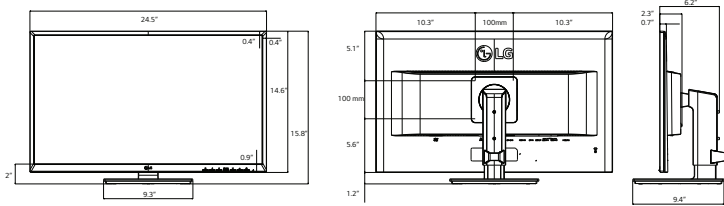
▶ 27BK550Y-B

27" class (27" diag)

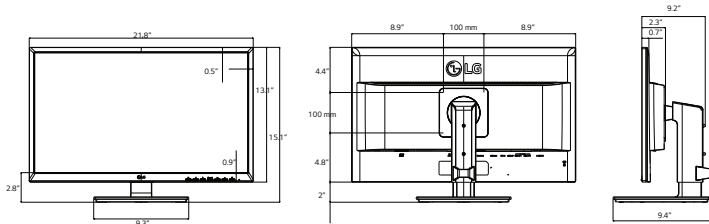
▶ 24BK550Y-B

24" class (23.8" diag)

27BK550Y



24BK550Y



| PANEL             | MODEL                               | 27BK550Y-B            | 24BK550Y-B             |
|-------------------|-------------------------------------|-----------------------|------------------------|
|                   | Size                                | 27" Class (27" diag)  | 24" Class (23.8" diag) |
|                   | Panel Type                          | IPS                   |                        |
|                   | Color Gamut (CIE1976)               | 72%                   |                        |
|                   | Color Depth (Number of Colors)      | 16.7M                 |                        |
|                   | Pixel Pitch (mm)                    | 0.3114 x 0.3114       | 0.2745 x 0.2745        |
|                   | Aspect Ratio                        | 16:9                  |                        |
|                   | Resolution                          | 1920 x 1080           |                        |
|                   | Brightness(Typ.)                    | 250 cd/m <sup>2</sup> |                        |
|                   | Contrast Ratio(Original) (DFC)      | 5000000 : 1           |                        |
|                   | Response Time (GTG)                 | 5ms                   |                        |
|                   | Viewing Angle(CR≥10)                | 178 / 178             |                        |
|                   | Surface Treatment (Glare/Non Glare) | Anti glare ,3H        |                        |
| SIGNAL (INPUT)    | D-Sub                               | Yes                   |                        |
|                   | DVI                                 | Yes                   |                        |
|                   | DisplayPort                         | Yes(1.2)              |                        |
|                   | HDMI                                | Yes (1.4)             |                        |
|                   | [ Jack Location ]                   | Vertical              |                        |
|                   | PC Audio In                         | Yes                   |                        |
|                   | [ Jack Location ]                   | Vertical              |                        |
|                   | Headphone Out                       | Yes                   |                        |
| [ Jack Location ] | Vertical                            |                       |                        |
| POWER             | USB                                 | USB 2.0 (1 up 2 down) |                        |
|                   | Speaker                             | 2ch stereo            |                        |
|                   | Audio output (watt)                 | 1.2W x 2              |                        |
|                   | Type                                | Built-in              |                        |
|                   | Input                               | 100~240V (50/60Hz)    |                        |
|                   | Output                              | 40W                   | 28W                    |
|                   | Normal On(EPA)                      | 20.3W                 | 17.1W                  |
|                   | Normal On (typ. / outgoing))        | 27.4W                 | 23.6W                  |
|                   | Sleep Mode(Max)                     | 0.5W                  |                        |
|                   | DC Off (Max)                        | 0.3W                  |                        |

| FREQUENCY       | MODEL                                  | 27BK550Y-B   | 24BK550Y-B             |
|-----------------|--|--|------------------------|
|                 | H-Frequency (D-Sub)                    |  | 30-83kHz               |
|                 | V-Frequency (D-Sub)                    |  | 56-75Hz                |
|                 | H-Frequency (DVI-D)                    |  | 30-83kHz               |
|                 | V-Frequency (DVI-D)                    |  | 56-75Hz                |
|                 | H-Frequency (HDMI)                     |  | 30-83kHz               |
|                 | V-Frequency (HDMI)                     | PC: 56-75Hz, AV: 50-61Hz   |                        |
|                 | H-Frequency (Display Port)             |  | 30-83kHz               |
|                 | V-Frequency (Display Port)             |  | 56-75Hz                |
| RESOLUTION      | D-Sub                                  | 1920 x 1080  |                        |
|                 | DVI-D                                  | 1920 x 1080  |                        |
|                 | DisplayPort                            | 1920 x 1080  |                        |
|                 | HDMI                                   | 1920 x 1080  |                        |
|                 |  |  |                        |
| CONTROL KEY     | Key Number                             | 7  |                        |
|                 | Key Description                        | MENU, OK/INPUT, POWER  |                        |
|                 | Key Type                               | Tact   |                        |
|                 | LED Color (On mode)                    | White  |                        |
|                 | LED Color (Power Save Mode)            | LED OFF  |                        |
|                 | [ Key Location ]                       | Front  |                        |
|                 |  |  |                        |
| LANGUAGE        | Country                                | English, Germanic, French, Spanish, Italian, Swedish, Finnish, Portuguese, Polish, Russian, Greek, Chinese, Japanese, Korean, Ukrainian, Portuguese (Brazil), Hindi, Traditional Chinese |                        |
|                 | Number of Language                     | 18   |                        |
| SPECIAL FEATURE | Picture Mode                           | Yes  |                        |
|                 | Ratio                                  | Yes  |                        |
|                 | Reader Mode                            | Yes  |                        |
|                 | DDC/CI                                 | Yes  |                        |
|                 | HDCP                                   | Yes (1.4)  |                        |
|                 | Intelligent Auto (Auto Adjustment)     | Yes  |                        |
|                 | Key Lock                               | Yes  |                        |
|                 | Plug & Play                            | Yes  |                        |
|                 | Response Time                          | Yes  |                        |
|                 | Color Calibrated                       | Yes  |                        |
|                 | Dual Control                           | Yes  |                        |
|                 | Flicker safe                           | Yes  |                        |
|                 | Off Timer                              | Yes  |                        |
|                 | SIX Axis Control                       | Yes  |                        |
|                 | Smart Energy Saving                    | Yes (Conserve energy by using luminance compensation algorithm)  |                        |
|                 | Super Resolution+                      | Yes  |                        |
|                 | OSC (On Screen Control / Screen Split) | Yes  |                        |
| COLOR           | Front / Back Cover / Stand / Base      | Black (Texture)  |                        |
|                 |  |  |                        |
| STAND           | Base Detachable                        | Yes  | Yes                    |
|                 | Tilt (Angle)                           | -5° ~ 35°  |                        |
|                 | Swivel (Angle)                         | Yes (0°-355° (±5°))  |                        |
|                 | Height range                           | 130mm  |                        |
|                 | Down Height                            | 50mm   | 70mm                   |
|                 | Pivot                                  | Yes (Bi-directional, 90°)  |                        |
|                 | Mini PC Bracket Ready                  | Yes  |                        |
| CABINET         | Set (with Stand)                       | 24.5" x 9.4" x 15.8  | 21.8" x 9.4" x 15.1"   |
|                 | Set (without Stand)                    | 24.5" x 2.3" x 14.6"   | 21.8" x 2.3" x 13.1"   |
|                 | Box                                    | 27.8" x 21.9" x 7.3"   | 24.7" x 19.9" x 7"     |
|                 | VESA / Wall Mount                      | 100mm x 100mm  | 100 x 100 (Wall mount) |
|                 | Set (with Stand)                       | 15.9 lbs   | 12.6 lbs               |
|                 | Set (without Stand)                    | 11.2 lbs   | 7.9 lbs                |
| STANDARD        | Box                                    | 22 lbs   | 17.4 lbs               |
|                 |  |  |                        |
|                 | TCO (Ver)                              | Yes (7.0)  |                        |
|                 | UL(cUL)                                | Yes  |                        |
|                 | TUV-GS                                 | Yes  |                        |
|                 | TUV-Ergo                               | Yes  |                        |
|                 | CB                                     | Yes  |                        |
|                 | FCC-B                                  | Yes  |                        |
|                 | CE                                     | Yes  |                        |
|                 | EPA                                    | Yes (7.0)  |                        |
|                 | ISO 9241-307                           | Yes  |                        |
|                 | EPEAT                                  | Yes (Gold,US/DG)   |                        |
|                 | Windows                                | Win 10   |                        |
|                 | ROHS, REACH                            | Yes  |                        |
| PVC-Free        | Yes                                    |  |                        |
| ACCESSORIES     | Power Cord                             | Yes  |                        |
|                 | Display Port                           | Yes  |                        |
|                 | HDMI                                   | Yes  |                        |
|                 | CD (Manual / Software)                 | Yes (Manual, Driver)   |                        |
| OTHER           | UPC                                    | 7 19192 60906 8  | 7 19192 60907 5        |
|                 | Warranty                               | 3-Year Limited Warranty (Parts/Labor/Backlight)  |                        |



LG Electronics U.S.A., Inc.  
HE B2B Division  
2000 Millbrook Drive  
Lincolnshire, IL 60069

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Contact your LG Regional Sales Representative:  
Channel: 800.897.8871  
Hospitality: 800.228.1236  
E-mail: info@LGsolutions.com

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