

# Full Specifications

## Display

<b>MODEL NUMBER</b> LU28E590DS/ZA	<b>SCREEN SIZE</b> ? 28"	<b>DISPLAY TYPE</b> ? TN
<b>RESOLUTION</b> ? 3840 x 2160	<b>ASPECT RATIO</b> ? 16:9	<b>BRIGHTNESS</b> 370cd/m2
<b>STATIC CONTRAST RATIO</b> ? 1,000:1	<b>DYNAMIC CONTRAST RATIO</b> ? Mega DCR	<b>VIEWING ANGLE (HORIZONTAL/VERTICAL)</b> ? 170°/160°
<b>RESPONSE TIME</b> ? 1ms	<b>PIXEL PITCH (H X V)</b> 0.1600mm x 0.1600mm	<b>COLOR SUPPORT</b> ? 1B

## Power

<b>TYPE</b> External Adaptor	<b>POWER SUPPLY TYPE</b> AC 100-240V	<b>POWER CONSUMPTION (MAX)</b> 45W
<b>POWER CONSUMPTION (TYPICAL)</b> 29.6W	<b>POWER CONSUMPTION (STAND-BY)</b> 0.45W	<b>MAX STAND BY POWER (DPMS)</b> ? 0.45W

## Features

### WALL-MOUNT (SIZE MM) [?](#)

75mm x 75mm

### MAGIC ANGLE

Yes

### MAC COMPATIBLE

Yes

### WINDOWS COMPATIBLE

Yes

### SAMSUNG MAGICBRIGHT

Yes

### SAMSUNG MAGICUPSCALE

Yes

### ECO SAVING PLUS

Yes

### EYE SAVER MODE

Yes

### AMD FREESYNC

Yes

### FLICKER FREE

Yes

### GAME MODE

Yes

### IMAGE SIZE

Yes

### PICTURE IN PICTURE (PIP) 2.0

Yes

## Dimensions (W x H x D)

### PRODUCT DIMENSIONS WITH STAND [?](#)

26.01" x 18.44" x 7.36"

### PRODUCT DIMENSIONS WITHOUT STAND [?](#)

26.01" x 15.01" x 2.89"

### SHIPPING DIMENSIONS [?](#)

29.13" x 5.55" x 18.14"

## Weight (lb.)

### PRODUCT WEIGHT WITH STAND [?](#)

11.61 lb.

### PRODUCT WEIGHT WITHOUT STAND [?](#)

10.36 lb.

### SHIPPING WEIGHT [?](#)

15.86 lb.

## Warranty

### WARRANTY

1 Year

## Accessories

### INCLUDED IN BOX

HDMI/DP

### OTHER

Quick Setup Guide, Install CD(Manual),  
Warranty Card

Green Management

ENERGY STAR® CERTIFIED [?](#)  
Yes

Inputs

HDMI [?](#)  
2

DISPLAY PORT  
1

HEADPHONES  
1

Design

COLOR  
Black High Glossy/Metallic Silver

TILT  
-2° to +15°

STAND TYPE  
T-Shape

Operation Conditions

TEMPERATURE  
50°F~104°F

HUMIDITY [?](#)  
10 - 80% (non condensing)