

Display

Screen Size (Class)

27

Flat / Curved

Flat

Active Display Size

(HxV) (mm)

597.88mm x

336.312mm

Screen Curvature

N/A

Aspect Ratio

16:9

Panel Type

VA

Brightness

(Typical)

250cd/m² cd/m²

**Peak Brightness
(Typical)**

N/A

Brightness (Min)

200cd/m² cd/m²

Contrast Ratio

Static

4,000:1(Typ.)

**Dynamic Contrast
Ratio**

Mega

**HDR(High Dynamic
Range)**

N/A

Resolution

1,920 x 1,080

Response Time

1ms(MPRT)

Viewing Angle **(Horizontal/Vertical)**

178°(H)/178°(V)

Colour Support

Max 16.7M

Colour Gamut **(NTSC 1976)**

N/A

Color Gamut (DCI **Coverage)**

N/A

sRGB Coverage

N/A

Adobe RGB **Coverage**

N/A

Refresh Rate

Max 144Hz

General Feature

Samsung

MagicRotation

Auto

N/A

Eco Saving Plus

N/A

Eco Motion Sensor

N/A

Eco Light Sensor

N/A

0.00 W Off mode

N/A

Eye Saver Mode

Yes

Flicker Free

Yes

Picture-In-Picture

N/A

Picture-By-Picture

N/A

Quantum Dot Color

N/A

Game Mode

Yes

Image Size

N/A

USB Super

Charging

N/A

Daisy Chain

N/A

Windows

Certification

Windows 10

FreeSync

N/A

FreeSync Premium

Yes

FreeSync Premium

Pro

N/A

G-Sync

N/A

Off Timer Plus

N/A

Smartphone

Wireless Charging

N/A

Screen Size

Optimizer

N/A

Black Equalizer

N/A

Low Input Lag

Mode

N/A

Refresh Rate

Optimizer

N/A

Custom Key

N/A

Super Arena

Gaming UX

N/A

HDMI-CEC

N/A

Interface

Wireless Display

No

D-Sub

1 EA

DVI

No

Dual Link DVI

No

Display Port

1 EA

Display Port

Version

1.2

Display Port Out

No

Display Port Out

Version

No

Mini-Display Port

No

HDMI

1 EA

HDMI Version

2.0

Audio In

No

Headphone

Yes

USB Ports

No

USB Hub Version

No

USB-C

No

USB-C Charging

Power

No

Thunderbolt 3

N/A

Thunderbolt 3

Charging Power

(Port 1)

N/A

Thunderbolt 3

Charging Power

(Port 2)

N/A

Ethernet (LAN)

N/A

Audio

Speaker

No

USB Sound Bar

(Ready)

No

Operation Conditions

Temperature

10~40 °C

Humidity

10~80, Non-
Condensing

Calibration

Factory Tuning

N/A

Built in Calibration

Engine

N/A

LUT(Look-up

Table) Bit Depth

N/A

Gray Balance

N/A

Uniformity

Correction

N/A

Colour Mode

N/A

**CMS(Colour
Management
Software)**

N/A

**Factory Calibration
Report**

N/A

Design

Color

BLACK

Stand Type

HAS PIVOT

HAS(Height Adjustable Stand)

130mm±5mm

Tilt

-5.0° (±2.0°) ~20.0°
(±2.0°)

Swivel

-30° (±2.0°) ~ +30.0°
(±2.0°)

Pivot

-90.0° (±2.0°) ~
+90.0° (±2.0°)

Wall Mount

100.0 x 100.0

Eco

ENERGY STAR

N/A

Energy Efficiency Class

A

Recycled Plastic

N/A

Power

Power Supply

AC 100~240V

Power

Consumption (Max)

35W

Power

Consumption (Typ)

25.0 W

Power

Consumption (DPMS)

Less than 0.3 W

Power

Consumption (Off Mode)

Less than 0.3 W

Power

Consumption (Yearly)

37 kWh/year

Type

External Adaptor

Dimension

Set Dimension with Stand (WxHxD)

616.8 x 605.9 x

278.3 mm

Set Dimension

without Stand

(WxHxD)

616.8 x 363.2 x 56.2

mm

Package

Dimension

(WxHxD)

708.0 x 484.0 x

230.0 mm

Weight

Set Weight with

Stand

6.6 kg

Set Weight without

Stand

4.5 kg

Package Weight

9.8 kg

Accessory

Power Cable

Length

1.5 m

D-Sub Cable

No

DVI Cable

No

HDMI Cable

Yes

HDMI to DVI Cable

No

DP Cable

Yes

USB Type-C Cable

No

**Thunderbolt 3
Cable**

No

Mini-Display

Gender

No

Install CD

No

Audio Cable

No

USB 2.0 Cable

No

USB 3.0 Cable

No

Remote Controller

No