Display

Screen Size (Class)
27

Flat / Curved
Curved

Active Display Size (HxV) (mm)
596.736 (H) x335.664 (V)

Curvature of the screen
1000R

Aspect Ratio
16: 9

Panel type
IT GOES

Brightness (typical)

250 cd / ㎡

Peak Brightness (Typical)
N / A

Brightness (min)
200 cd / ㎡

Static contrast ratio
2500: 1 (Typ.)

Dynamic contrast ratio
Mega ∞ DCR

HDR (High Dynamic Range)
HDR10

Resolution
2560 x 1440

Response time
1 (MPRT)

Viewing angle (H / V)
178 ° (H) / 178 ° (V)

Colors supported
Max 16.7M

Color 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 features

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
Yup

Flicker Free
Yup

Picture-In-Picture
N / A

Picture-By-Picture
N / A

Quantum Dot Color
N / A

Game Mode
N / A

Image size
N / A

USB Super Charging
N / A

Daisy Chain
N / A

Windows Certification
Windows 10

FreeSync
N / A

FreeSync Premium
Yup

FreeSync Premium Pro
N / A

G-Sync
N / A

Off Timer Plus
Yup

Wireless Charging Smartphone
N / A

Screen Size Optimizer
Yup

Black Equalizer

Yup

Low Input Lag Mode
Yup

Refresh Rate Optimizor
Yup

Custom Key
N / A

Super Arena Gaming UX
Yup

HDMI-CEC
N / A

Interface

Wireless display
No

D-Sub
No

DVI
No

Dual Link DVI
No

DisplayPort
1 EA

Display Port Version
1.2

Display Port Out
No

Display Port Out Version
N / A

Mini-Display Port

No

HDMI
1 EA

HDMI Version
2

Audio input
No

Headphones
Yup

USB Ports
No

USB Hub Version
N / A

USB-C
No

USB-C Charging Power
N / A

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

Operating conditions

Temperature
10 ~ 40 ℃

Humidity
10 ~ 80, non-condensing

Calibration

Factory setting
N / A

Integrated calibration engine
N / A

LUT (Look-up Table) Bit depth
N / A

Gray balance

N / A

Uniformity correction

N / A

Color mode

Custom / FPS / RTS / RPG / AOS / Cinema / Dynamic Contrast

CMS (Color Management Software)

N / A

Factory calibration report

N / A

Design

Color

BLACK

Base type
SIMPLE

Height adjustable base (HAS)
N / A

Tiltable
-2 ~ 18

Rotation
N / A

Orientation
N / A

Wall mounting
75 x 75

Echo

ENERGY STAR

N / A

Energy efficiency class
F.

Recycled Plastic
N / A

Diet

Power supply
AC 100 ~ 240V

Consumption (Max)
48 W

Power Consumption (Typ)
25.0 W

Power Consumption (DPMS)
0.5 W

Power Consumption (Off)
0.5 W

Energy consumption (annual)
37 kWh / year

Typology
External power supply

Dimensions

Unit Dimensions with Base (WxHxD)
616.6 x 477.4 x 272.6 mm

Unit dimensions without base (WxHxD)
614.6 x 382.8 x 120.0 mm

Total dimensions with packaging (WxHxD)
679.0 x 193.0 x 438.0 mm

Weight

Weight with base
4.5 kg

Weight without base
4.1 kg

Total weight with packaging
6.1 kg

Accessories

Length of the power cord
1.5 m

D-Sub Cable
N / A

DVI Cable

N / A

HDMI cable
Yup

HDMI to DVI Cable
N / A

DP Cable
N / A

USB Type-C Cable
N / A

Thunderbolt 3 Cable
N / A

Mini-Display Gender
No

Install CD
N / A

Audio cable

N / A

USB 2.0 Cable

N / A

USB 3.0 Cable

N / A

Remote Controller

N / A

Disclaimer

Disclaimer

Yup