Display

Screen size (category)
24

Flat / curved
Flat

Active screen size (HxW) (mm)
525.89mm x 295.81mm

Curvature of the screen
AS

Aspect ratio
16: 9

Panel type
VA

Luminous intensity (Typ.)

250 cd / ㎡

Peak Brightness (Typical)
AS

Luminous intensity (min)
200 cd / ㎡

Contrast ratio, static
3,000: 1 (Typ)

Dynamic contrast ratio
MEGA

HDR (High Dynamic Range)
AS

HDR10 +
AS

Mini LED Local Dimming
AS

Accuracy
1.920 x 1.080

Response time
1ms (MPRT)

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

Color support
Max 16.7M

Color Gamut (NTSC 1976)
72%

Color Gamut (DCI Coverage)
AS

sRGB Coverage
AS

Adobe RGB Coverage

AS

Refresh rate
Max 165Hz

General

Samsung MagicRotation Auto
AS

Eco Saving Plus
Yes

Eco Motion Sensor
AS

Eco Light Sensor
AS

0.00 W Off mode
AS

Eye Saver Mode
Yes

Flicker Free
Yes

Picture in picture
AS

Picture-By-Picture
AS

Quantum Dot Color
AS

Game Mode
Yes

Image size
AS

USB Super Charging

AS

Daisy Chain
AS

Windows Certification
Windows 10

FreeSync
FreeSync Premium

G-Sync
AS

Off Timer Plus
Yes

Smartphone Wireless Charging
AS

Screen Size Optimizer
AS

Black Equalizer
Yes

Low Input Lag Mode
AS

Refresh Rate Optimizer
Yes

Custom Key
AS

Super Arena Gaming UX
AS

HDMI-CEC
AS

Auto Source Switch
AS

Auto Source Switch +

AS

Adaptive Picture
AS

USB-C Power Boost
AS

Ultrawide Game View
AS

Smart Service

Smart Type
AS

Operating System
AS

Bixby
AS

TV Plus
AS

Universal Guide
AS

SmartThings App Support
AS

SmartThings
AS

Mobile to Screen - Mirroring, DLNA
AS

Tap View
AS

Remote Access
AS

Sound Mirroring

AS

ConnectShare ™ (USB 2.0)
AS

User interface

Wireless Display
No

D-Sub
No

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
1.4

Audio input
No

Headphones

Yes

USB hub
No

USB Hub Version
No

USB-C
No

USB-C Charging Power
No

Thunderbolt 3
AS

Thunderbolt 3 Charging Power (Port 1)
AS

Thunderbolt 3 Charging Power (Port 2)
AS

Ethernet (LAN)
AS

Internal WLAN
AS

Bluetooth
AS

Built-in Camera
AS

Windows Hello Certification
AS

Sound

Tannoy
No

Conditions of use

Temperature
10 ~ 40 ℃

Moisture
10 ~ 80, Non-condensing

Calibration

Factory calibration
AS

Hardware calibration support
AS

LUT (Look-up Table) Bit Depth
AS

Gray balance
AS

Uniformity Correction
AS

Color modes
AS

Calibration program
AS

Calibration report
AS

Design

Color
Black

Tripod type
HAS

HAS (height adjustable stand)

120.0 ± 5.0 mm

Tilt
-5.0 ° (± 2.0 °) ~ 20.0 ° (± 2.0 °)

Reverse
-15.0 ° (± 2.0 °) ~ 15.0 ° (± 2.0 °)

Circulation
-2.0 ° (± 2.0 °) ~ 92.0 ° (± 2.0 °)

Wall mounting
100 x 100

Environmental friendliness

ENERGY STAR
AS

Energy efficiency class (best A, worst G)
E

Recycled plastic
AS

Power

Power supply
AC 100 ~ 240V

Power consumption (maximum)
25W

Power consumption (Typ)
16.0 W

Power Consumption (DPMS)
0.50 W

Power Consumption (Off)
0.30 W

Power consumption (annual)
23 kWh / year

Panel type
External Adapter

Dimensions

Series dimensions with stand (WxDxH)
544.0 x 498.7 x 234.2 mm

Series dimensions without stand (WxDxH)
544.0 x 333.3 x 92.0 mm

Package dimensions (LxWxH)
636.0 x 211.5 x 454.0 mm

Weight

With stand
4.5 kg

Without stand
3.0 kg

Package weight
6.6 kg

Equipment

Power cord 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

Installation CD

Yes

Audio cable

No

USB 2.0 Cable

No

USB 3.0 Cable

No

Remote Controller

No

Disclaimer

Disclaimer

Yes