

Specs

[EXCEL DOWNLOAD](#)

Display

Screen Size (Inch)

49"

Screen Size (cm)

124.2

Screen Size (Class)

49

Flat / Curved

Curved

Active Display Size (HxV) (mm)

1195.8 x 336.3 mm

Screen Curvature

1800R

Aspect Ratio

32:9

Panel Type

VA

Brightness (Typical)

350cd/m²

Peak Brightness (Typical)

600cd/m²

Brightness (Min)

250cd/m²

Contrast Ratio Static

3000:1(Typ),2400:1(Min)

Dynamic Contrast Ratio

Mega

HDR(High Dynamic Range)

VESA DisplayHDR 600

Resolution

3840X1080

Response Time

1(MPRT) ms

Viewing Angle (H/V)

178°(H)/178°(V)

Color Support

1.07B

Color Gamut (NTSC 1976)

Typ 88%, Min 84%

Color Gamut (DCI Coverage)

Typ 95%, Min 88%

sRGB Coverage

Typ 125%, Min 120%

Adobe RGB Coverage

Typ 92%, Min 88%

Refresh Rate

144Hz

General Feature

Eco Saving Plus

Yes

Eye Saver Mode

Yes

Flicker Free

Yes

Picture-By-Picture

Yes

Quantum Dot Color

Yes

USB Super Charging

Yes

Easy Setting Box

Yes

Windows Certification

Windows 10

AMD FreeSync™

No

AMD FreeSync™2

Yes

Game Color Mode

Yes

Screen Size Optimizer

Yes

Black Equalizer

Yes

Low Input Lag Mode

Yes

Refresh Rate Optimizer

Yes

Custom Key

Yes

Super Arena Gaming UX

Yes

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

1 EA

HDMI

2 EA

HDMI Version

2.0

Audio In

Yes

Headphone

Yes

USB Ports

2.0

USB Hub Version

3.0

USB-C

No

USB-C Charging Power

No

Audio

USB Sound Bar (Ready)

No

Operation Conditions

Temperature

10~40 °C

Humidity

10~80,non-condensing %

Design

Color

Charcoal Black(Hair-line)

Stand Type

HAS

HAS(Height Adjustable Stand)

120.0 ± 5.0 mm

Tilt

-2.0° (±2.0°) ~ +15.0° (±2.0°)

Swivel

-15.0° (±2.0°) ~ +15.0° (±2.0°)

Wall Mount

100 x 100

Power

Power Supply

AC 100~240V

Power Consumption (Max)

113 W

Power Consumption (Typ)

71.0 W

Power Consumption (DPMS)

Less than 0.5 W

Power Consumption (Off Mode)

Less than 0.3 W

Power Consumption (Yearly)

104 kWh/year

Type

Internal Power

Dimension

Set Dimension with Stand (WxHxD)

1203.0 x 525.5 x 381.6 mm

Set Dimension without Stand (WxHxD)

1203.0 x 369.4 x 194.4 mm

Package Dimension (WxHxD)

1320.0 x 316.0 x 476.0 mm

Weight

Set Weight with Stand

16 kg

Package Weight

21.30 kg

Accessory

Power Cable Length

1.5 m

HDMI Cable

Yes

DP Cable

Yes

Install CD

Yes

Quick Setup Guide

Yes

Disclaimer

Disclaimer

1ms MPRT spec is based on internal tests. Response time may vary depending on test conditions.