

Specifications

- Screen Curvature **1800 R**
- Aspect Ratio **32:9**
- Brightness (Typical) **600 cd / m2**
- Contrast Ratio Static **3,000:1 (Typ)**
- Resolution **5,120 x 1,440**
- Response Time **4 (GTG)**

Specifications Detail

Display

- **Screen Size (Inch)** 48.8
- **Screen Size (cm)** 123.9
- **Screen Size (Class)** 49
- **Flat / Curved** Curved
- **Active Display Size (HxV) (mm)** 1193.472 (H) * 335.664 (V)
- **Screen Curvature** 1800 R
- **Aspect Ratio** 32:9
- **Panel Type** VA
- **Brightness (Typical)** 600 cd / m2
- **Peak Brightness (Typical)** 1000 cd / m2
- **Brightness (Min)** 600 cd / m2
- **Contrast Ratio Static** 3,000:1 (Typ)
- **Dynamic Contrast Ratio** Mega DCR
- **HDR (High Dynamic Range)** Yes
- **Resolution** 5,120 x 1,440
- **Response Time** 4 (GTG)
- **Viewing Angle (H/V)** 178° (H) / 178° (V)
- **Colour Support** 1.07 B
- **Colour Gamut (NTSC 1976)** 88 % (Typ.)
- **Color Gamut (DCI Coverage)** 0.95
- **sRGB Coverage** 125 % (Typ.)

- **Adobe RGB Coverage** 92 % (Typ.)
- **Refresh Rate** 120 Hz

General Feature

- **Samsung MagicBright** Yes
- **Eye Saver Mode** Yes
- **Flicker Free** Yes
- **Picture-By-Picture** Yes
- **Quantum Dot Color** Yes
- **Image Size** Yes
- **USB Super Charging** Yes
- **Easy Setting Box** Yes
- **Windows Certification** Windows 10
- **FreeSync** Yes
- **FreeSync 2** Yes
- **Off Timer Plus** 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** 2 EA
- **Display Port Version** 1.4

- **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** 4
- **USB Hub Version** 3
- **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

Calibration

- **Factory Tuning** Yes

Design

- **Color** Dark Blue Gray
- **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** 100.0 x 100.0

Eco

- **Energy Efficiency Class C**

Power

- **Power Supply** AC 100 ~ 240 V
- **Power Consumption (Typ)** 100 W
- **Power Consumption (DPMS)** Less than 0.5 W
- **Power Consumption (Off Mode)** Less than 0.3 W
- **Power Consumption (Yearly)** 146 kWh / year
- **Type** Internal

Dimension

- **Set Dimension with Stand (WxHxD)** 1199.5 x 523.1 x 349.7 mm
- **Set Dimension without Stand (WxHxD)** 1199.5 x 369.4 x 193.7 mm
- **Package Dimension (WxHxD)** 1327.0 x 318.0 x 497.0 mm

Weight

- **Set Weight with Stand** 14.60 kg
- **Set Weight without Stand** 11.6 kg
- **Package Weight** 20.80 kg

Accessory

- **Power Cable Length** 1.5 m
- **HDMI Cable** Yes
- **DP Cable** Yes
- **USB 3.0 Cable** Yes