

Model Code		LU28R550UQRXEN
Attribute	Value	
Display	Screen Size (Inch)	28
	Screen Size (cm)	70.8
	Screen Size (Class)	28
	Flat / Curved	Flat
	Active Display Size (HxV) (mm)	620.928(H) * 341.28(V)
	Screen Curvature	N/A
	Aspect Ratio	16:09
	Panel Type	IPS
	Brightness (Typical)	300 cd/m ²
	Peak Brightness (Typical)	N/A
	Brightness (Min)	250 cd/m ²
	Contrast Ratio Static	1,000:1(Typ.)
	Dynamic Contrast Ratio	Mega ∞ DCR
	HDR(High Dynamic Range)	HDR10
	Resolution	3,840 x 2,160
	Response Time (ms)	4(GTG)
	Viewing Angle (H/V)	178°/178°
	Color Support	Max 1B
	Color Gamut (NTSC 1976)	N/A
	Color Gamut (DCI Coverage)	0.9
	sRGB Coverage	N/A
	Adobe RGB Coverage	N/A
	Frame Rate	Max 60Hz
	Samsung MagicAngle	N/A
	Samsung MagicBright	Yes
	Samsung MagicUpscale	Yes
	Samsung MagicRotation Auto	N/A
Eco Saving Plus	Yes	
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	Yes	
Picture-By-Picture	Yes	
Active Crystal Color	N/A	
Quantum Dot Color	N/A	
Game Mode	Yes	

[Back to Overview](#)

General Feature	Image Size	Yes
	USB Super Charging	N/A
	Daisy Chain	N/A
	Easy Setting Box	Yes
	Windows Certification	Windows 10
	FreeSync	Yes
	G-Sync	N/A
	Smart Eco Saving	N/A
	Off Timer Plus	Yes
	Smartphone Wireless Charging	N/A
	Game Color Mode	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
	Sound Interactive LED Lighting	N/A
	HDMI-CEC	N/A
	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	2 EA	
HDMI Version	2	
Audio In	No	
Headphone	Yes	
USB Hub Down Ports	No	
USB Hub Version	No	
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	

Interface	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	YES
	Built in Calibration Engine	N/A
	LUT(Look-up Table) Bit Depth	N/A
	Gray Balance	N/A
	Uniformity Correction	N/A
	Color Mode	N/A
	CMS(Color Management Software)	N/A
	Factory Calibration Report	N/A
	Design	Color
Stand Type		SIMPLE
HAS(Height Adjustable Stand)		N/A
Tilt		-2.0°(±2.0°) ~ 15.0°(±2.0°)
Swivel		N/A
Pivot		N/A
Wall Mount		75.0 x 75.0
Eco	ENERGY STAR	N/A
	Energy Efficiency Class	G
	Recycled Plastic	N/A
Power	Power Supply	AC 100~240V
	Power Consumption (Max)	48 W
	Power Consumption (Typ)	32.0 W
	Power Consumption (DPMS)	≤0.5 W
	Power Consumption (Off Mode)	≤0.3 W
	Power Consumption (Yearly)	47 kWh/year
	Type	External Adaptor
Dimension	Set Dimension with Stand (WxHxD)	638.8 x 479.3 x 250.5 mm
	Set Dimension without Stand (WxHxD)	638.8 x 374.0 x 64.0 mm
	Package Dimension (WxHxD)	732.0 x 176.0 x 465.0 mm

Weight	Set Weight with Stand	5.8 kg
	Set Weight without Stand	5.0 kg
	Package Weight	7.8 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	No
	USB Type-C Cable	No
	Thunderbolt 3 Cable	No
	Mini-Display Gender	No
	Install CD	N/A
	Audio Cable	No
	USB 2.0 Cable	No
	USB 3.0 Cable	No
Remote Controller	No	
Disclaimer	Disclaimer	N/A