

Model Code		LS27AM500NRXEN	Back to Overview
Attribute		Value	
Display	Screen Size (Class)	27	
	Flat / Curved	Flat	
	Active Display Size (HxV) (mm)	597.888(H) x 336.312 (V)	
	Screen Curvature	N/A	
	Aspect Ratio	16:09	
	Panel Type	VA	
	Brightness (Typical)	250 cd/m ²	
	Peak Brightness (Typical)	N/A	
	Brightness (Min)	200 cd/m ²	
	Contrast Ratio Static	3,000:1 (Typ.)	
	Dynamic Contrast Ratio	N/A	
	HDR(High Dynamic Range)	HDR10	
	HDR10+	N/A	
	Resolution	1,920 x 1,080	
	Response Time (ms)	8(GTG) ms	
	Viewing Angle (H/V)	178°(H)/178°(V)	
	Color Support	Max 16.7M	
	Color Gamut (NTSC 1976)	N/A	
	Color Gamut (DCI Coverage)	N/A	
	sRGB Coverage	N/A	
	Adobe RGB Coverage	N/A	
	Frame Rate	Max 60Hz	
	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	Yes		
Flicker Free	Yes		
Picture-In-Picture	N/A		
Picture-By-Picture	N/A		
Active Crystal Color	N/A		
Quantum Dot Color	N/A		
Game Mode	Yes		
Image Size	N/A		
USB Super Charging	N/A		
Daisy Chain	N/A		
Windows Certification	Windows 10		
FreeSync	N/A		
G-Sync	N/A		
Off Timer Plus	N/A		

General Feature	Smartphone Wireless Charging	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
	HDMI-CEC	Yes
	Auto Source Switch	N/A
	Auto Source Switch+	Yes
	Adaptive Picture	Yes
	USB-C Power Boost	N/A
	Ultrawide Game View	Yes
	Smart Service	Smart Type
Operating System		Tizen™
Bixby		US English, UK English, India English, Korean, French, German, Italian, Spanish, Brazil Portugese(features vary by language)
TV Plus		N/A
Universal Guide		N/A
SmartThings App Support		Yes
SmartThings		N/A
Mobile to Screen - Mirroring, DLNA		Yes
Tap View		Yes
Remote Access		Yes
Sound Mirroring		Yes
ConnectShare™ (USB 2.0)		Yes
Wireless Display		No
D-Sub		No
DVI	No	
Dual Link DVI	No	
Display Port	No	
Display Port Version	No	
Display Port Out	No	
Display Port Out Version	No	
Mini-Display Port	No	
HDMI	2 EA	
HDMI Version	2	
Audio In	No	

Interface	Headphone	No
	USB Ports	2
	USB Hub Version	N/A
	USB-C	No
	USB-C Charging Power	No
	Thunderbolt 3	N/A
	Thunderbolt 3 Charging Power (Port 1)	No
	Thunderbolt 3 Charging Power (Port 2)	No
	Ethernet (LAN)	N/A
	WiFi	Yes (WiFi5)
	Bluetooth	Yes (BT4.2)
Audio	Speaker	Yes
Operation Conditions	Temperature	10~40 °C
	Humidity	10~80(non-condensing) %
Calibration	Factory Tuning	N/A
	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	BLACK
	Stand Type	SIMPLE
	HAS(Height Adjustable Stand)	N/A
	Tilt	- 2.0° (±2.0°) ~+22.0° (±2.0°)
	Swivel	N/A
	Pivot	N/A
	Wall Mount	100 x 100
Eco	ENERGY STAR	N/A
	Energy Efficiency Class	F
	Recycled Plastic	N/A
	Power Supply	AC 100~240V
	Power Consumption (Max)	50 W
	Power Consumption (Typ)	26.0 W
	Power Consumption (DPMS)	0.5 W

Power	Power Consumption (Off Mode)	0.5 W
	Power Consumption (Yearly)	38 kWh/year
	Type	Internal Power
Dimension	Set Dimension with Stand (WxHxD)	615.5 x 455.4 x 193.5 mm
	Set Dimension without Stand (WxHxD)	615.5 x 367.9 x 41.8 mm
	Package Dimension (WxHxD)	738.0 x 126.0 x 428.0 mm
Weight	Set Weight with Stand	5.0 kg
	Set Weight without Stand	3.6 kg
	Package Weight	6.2 kg
Accessory	Power Cable Length	1.5 m
	D-Sub Cable	N/A
	DVI Cable	N/A
	HDMI Cable	Yes
	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	Yes
	Audio Cable	N/A
	USB 2.0 Cable	N/A
	USB 3.0 Cable	N/A
	Remote Controller	Yes
Disclaimer	Disclaimer	N/A