

27GN850

27" UltraGear™ QHD 144Hz Nano IPS 1ms Gaming Monitor
NVIDIA® G-SYNC® Compatible

EAN CODE: 8806091007476

27"



KEY FEATURES

- Nano IPS 1ms
- NVIDIA® G-SYNC® Compatible
- 144Hz
- HDR 10
- 3-side Virtually Borderless
- Adaptive-Sync (FreeSync™)

For more information
www.lg.com/uk/monitors

PRODUCT FEATURES

DISPLAY

Size (Inch)	27 Inch
Size (cm)	68.5 cm
Resolution	2560x1440
Panel Type	IPS
Aspect Ratio	16:9
Pixel Pitch	0.2331 x 0.2331 mm
Brightness (Min.)	280 cd/m ²
Brightness (Typ.)	350 cd/m ²
Color Gamut (Min.)	DCI-P3 90% (CIE1976)
Color Gamut (Typ.)	DCI-P3 98% (CIE1976)
Color Depth (Number of Colors)	1.07B
Contrast Ratio (Min.)	700:1
Contrast Ratio (Typ.)	1000:1
Response Time	1ms (GtG at Faster)
Viewing Angle (CR≥10)	178 (R/L), 178 (U/D)
Surface Treatment	NO
Curved	NO

SOUND

Speaker	NO
Speaker_Output (unit)	N/A
Speaker_Channel	N/A
Bluetooth Conectivity	NO
Maxx Audio	NO
Rich Bass	NO

POWER

Type	External Power(Adapter)
AC Input	100-240Vac, 50/60Hz
Power Consumption (Typ.)	51W
Power Consumption (Max.)	55W
Power Consumption (Energy Star)	N/A
Power Consumption (Sleep Mode)	Less than 0.5W
Power Consumption (DC Off)	Less than 0.3W

CONNECTIVITY

D-Sub	NO
D-Sub (Max. Resolution at Hz)	N/A
DVI	NO
DVI (Max Resolution at Hz)	N/A
HDMI	YES(2ea)
HDMI (Max. Resolution at Hz)	2560 x 1440 8bit at 144Hz
DisplayPort	YES(1ea)
DP Version	1.4
DP (Max. Resolution at Hz)	2560 x 1440 10bit at 144Hz
Mini DisplayPort	NO
mDP Version	N/A
mDP (Max. Resolution at Hz)	N/A
Thunderbolt	NO
Thunderbolt(USB-C Compatibility)	NO
Thunderbolt (Max. Resolution at Hz)	N/A
Thunderbolt (Data Trnsmission)	NO
Thunderbolt (Power Delivery)	N/A
USB-C	NO
USB-C (Max. Resolution at Hz)	N/A
USB-C (DP Alternate Mode)	NO
USB-C (Data Trnsmission)	NO
USB-C (Power Delivery)	N/A
Daisy Chain	NO
USB Upstream Port	NO
USB Downstream Port	NO
Audio In	NO
Mic In	NO
Headphone out	YES
Line out	NO

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FEATURES

HDR 10	YES
VESA DisplayHDR™	NO
HDR Effect	YES
Nano IPS™ Technology	YES
Wide Color Gamut	YES
Color Calibrated	YES
HW Calibration	NO
Auto Brightness	NO
Flicker safe	YES
Reader Mode	YES
Color Weakness	NO
Super Resolution+	NO
Motion Blur Reduction Tech.	NO
NVIDIA G-Sync™	G-SYNC Compatible
AMD FreeSync™	YES
FreeSync (Low Frame Compensation)	YES
Black Stabilizer	YES
Dynamic Action Sync	YES
Crosshair	YES
FPS Counter	NO
OverClocking	NO
User Define Key	NO
Auto Input Switch	NO
Sphere Lighting	NO
PBP	NO
PIP	NO
Smart Energy Saving	YES
Camera	NO
Mic	NO
Others (Feature)	-

MECHANICAL

Display Position Adjustments	Tilt/Height/Pivot
Wall Mountable	100 x 100 mm

DIMENSIONS/WEIGHT

Dimension with Stand (W x H x D)	614.2 X 575.9 X 291.2mm (Up) 614.2 X 465.9 X 291.2mm (Down)
Dimension without Stand (W x H x D)	614.2 X 364.8 X 56.3 mm
Dimension in Shipping (W x H x D)	735 x 219 x 522mm
Weight with Stand	6.4kg
Weight without Stand	4.2kg
Weight in Shipping	9.5 kg

SW APPLICATION

True Color Pro	NO
Dual Controller	NO
OnScreen Control (LG Screen Manager)	YES
LG UltraGear™ Control Center	NO

ACCESSORY

D-Sub	NO
DVI-D	NO
HDMI	YES
Display Port	YES
mDP to DP	NO
Thunderbolt	NO
USB Type C	NO
USB Type C to A Gender	NO
USB A to B	NO
USB3.0 Upstream Cable	NO
PC Audio	NO
Remote Controller	NO
Other	-