

# Lenovo Legion Y27gq-20 65ECGAC1EU

**Product**

Lenovo Legion Y27gq-20

**Machine Type**

65EC

**Region**

EMEA

**Display Size**

27"

**View Area**

596.74x335.66 mm

**Panel**

Twisted Nematic

**Aspect Ratio**

16:9

**Resolution**

2560x1440

**Pixel Pitch**

0.2331x0.2331 mm

**Dot / Pixel Per Inch**

109 dpi

**View Angle (H / V)**

170 / 160

**Response Time**

1 ms (Extreme mode) / 2 ms (Typical mode) / 5 ms (Off mode)

**Color Support**

16.7 Million

**Refresh Rate**

165 Hz

**Brightness**

350 nits

**Contrast Ratio**

1000:1

**Color Gamut**

72% NTSC

**Curvature**

None

**Anti-glare**

Yes

**Video Connector**

HDMI, DP

**USB Port**

3x USB 3.1 Gen 1 (1x BC 1.2)

**Camera**

None

**Microphone**

None

**Speakers**

None

**Power Consumption (Typical / Maximum)**

48W / 96W

**Power Adapter**

External

**Stand**

Tilt, Swivel, Pivot, Height Adjust Stand

**Color**

Raven Black

**Side Bezel Width**

2 mm

**Dimensions with Stand (HxWxD)**

468.9x614.0x284.4 mm / 18.46x24.17x11.2 inches

**Weight (Including Stand)**

6.65 kg / 14.66 lbs.

**Cables Included**

HDMI cable, DP cable, USB Type-A to Type-B cable

**Environmental Certification**

Energy Star Certified, TCO 7.0, RoHS

**Ergonomic Certification**

TÜV Rheinland Eye Comfort

**Base Warranty**

3-year

**Operating System Support**

Support Windows 7, Windows 10

**Sync Technology**

NVIDIA G-SYNC

**Tiny Support / CPU / Platform**

None / None / None

**Ethernet / Bluetooth / Wireless**

None / None / None

**Touch Screen / Digitizer Pen / Battery**

None / None / None

**Display Ram / Storage / Card Slot**

None / None / None

**EAN / UPC / JAN**

0193386239291 / 193386239291 / None

**Announce Date**

2019-05-24



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DISPLAY

Panel Size  
27-inch

Screen Dimensions (H x V)  
596.74 x 335.66 mm /  
23.49 x 13.21 inches

Panel Type  
TN

Backlight  
WLED

Aspect Ratio  
16:9

Resolution  
2560 x 1440

Pixel Pitch (H x V)  
0.2331 x 0.2331 mm

Dot/Pixel Per Inch (DPI/PPI)  
109

Viewing Angle (H x V)  
170° / 160°

Response Time (gray to gray)  
1ms (Extreme mode)  
2ms (Typical mode)  
5ms (Normal mode)

Refresh Rate  
165 Hz (Max)

Brightness  
350 cd/m² (peak)  
300 cd/m² (typical)

Contrast Ratio (typical)  
1000:1

Dynamic Contrast Ratio (typical)  
3M:1

Color Gamut (1931)  
72% NTSC

Color Support  
16.7 Million

Anti-glare  
Yes

CONNECTIVITY

Video Signal  
1 x HDMI 1.4  
1 x DP 1.2

Audio Signals  
1 x Audio combo

USB Hub  
Yes, 3 x USB 3.0

USB Upstream  
1 x USB 3.0 Type-B

USB Downstream  
3 x USB 3.0 Type-A (1 with BC 1.2)

MULTIMEDIA

Optional Speakers Support  
Yes (Monitor USB Speaker  
with Sound by Harman Kardon)

SPECIAL FEATURES

G-SYNC/FreeSync  
NVIDIA® G-SYNC™\*

Software  
Lenovo Artery

POWER

Power Consumption (Typ./Max)  
48 W / 96 W

Power Consumption Sleep Mode  
<0.5 W

Power Consumption Switch-off  
Mode  
<0.5 W

Power Supply  
External

Voltage Required  
100-240 VAC (50/60 Hz)

MECHANICAL

Tilt Angle (front/back)  
-5° / 21°

Swivel Angle (left/right)  
-15° / 15°

Lift  
Yes (130 mm)

Pivot  
-90° / 90°

VESA Mount Capability  
Yes (100 x 100 mm)

Kensington™ Lock Slot  
Yes

Cable Management  
Yes

Headphone Hook  
Yes

Bezel Color  
Raven Black

Bezel Width  
2.0 mm / 0.08 inch (side)  
2.0 mm / 0.07 inches (top)  
23.6 mm/ 0.92 inches (bottom)

DIMENSIONS

Size Packed (D x H x W)  
715.0 x 225.0 x 480.0 mm /  
28.14 x 8.86 x 18.90 inches

Size Unpacked w/stand  
(D x H x W) (mm/inch)  
(Lowest position)  
284.4 x 468.9 x 614.0 mm /  
11.20 x 18.46 x 24.17 inches

Size Unpacked w/stand  
(D x H x W) (mm/inch)  
(Highest position)  
284.4 x 598.9 x 614.0 mm /  
11.20 x 23.58 x 24.17 inches

Size Unpacked w/o stand  
(D x H x W) (mm/inch)  
(Head Only)  
63.4 x 368.7 x 614.0 mm /  
2.50 x 14.52 x 24.17 inches

Weight Packed  
9.77 kg / 21.53 lbs.

Weight Unpacked  
6.65 kg / 14.66 lbs.

Weight (Monitor Head Only)  
4.35 kg / 9.59 lbs.

WHAT’S IN THE BOX

1 x Monitor with stand  
1 x Monitor base  
1 x Monitor USB Speaker (optional)  
1 x HDMI Cable (1.8 m)  
1 x DP Cable (1.8 m)  
1 x USB Type A-B Cable (1.8 m)  
1 x Power Cord (1.8 m)  
Quick Setup Guide

CERTIFICATIONS

ENERGY STAR® Rating  
7.1

CCC  
Yes

TCO  
7.0

RoHS (EU 2002/95/EC)  
Yes

Windows Certification  
Windows 7, Windows 10

China Energy Efficiency Standard  
Tier 2

TÜV Eye Comfort  
Yes



\*NVIDIA® G-SYNC™ can only work with NVIDIA® GeForce™ series graphic card. Users need to enable the G-SYNC™ function in NVIDIA® Control panel.

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