

Lenovo Legion Y27q-20 65F0GAC1IS

Product

Lenovo Legion Y27q-20

Region

EMEA

Color

Black

Panel

In-Plane Switching

Display Size

27"

View Area

608.8x355.1 mm

Resolution

2560x1440

Aspect Ratio

16:9

Pixel Pitch

0.2331x0.2331 mm

Dot / Pixel Per Inch

109 dpi

Brightness

350 nits

Contrast Ratio

1000:1

Pixel Response Time

1 ms (extreme mode) / 3 ms/5 ms (typical/off mode)

Color Gamut

0.98

View Angle (H / V)

178 / 178

Stand

Tilt Stand

Side Bezel Width

2.00 mm

Dimensions with Stand (HxWxD)

468.9x614.0x284.4 mm

Power Consumption (Typical / Maximum)

50W / 90W

Power Adapter

External

Weight (Including Stand)

14.92 lb / 6.77kg

Warranty

3-year

ENERGY STAR

None

TCO

None

EPEAT

None

Presets / User Settings

24 / 24

On Screen Display

OSD, 8 Languages

USB Port

USB 3.1 Gen1 x 3

Speaker

4W X 2

Camera

None

Multiple Input

HDMI, DP, USB 3.1 Type-A Gen 1

Monitor Cable

HDMI, DP, USB Type A-B

CPU / Platform

None / None

Display Ram / Storage / Card Slot

None / None / None

Wireless / Ethernet / Bluetooth

None / None / None

Touch Screen / Digitizer Pen / Battery

None / None / None

Operating System

Support Windows 7, Windows 10

Ann Date (mm/yy)

06/19

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Lenovo™



LENOVO LEGION Y27q-20

DISPLAY YOUR POWER. DISPLACE YOUR RIVALS.

The Lenovo Legion Y27q-20 gaming monitor delivers an immersive gaming experience that's sure to get your pulse racing. The IPS wide viewing angle panel ensures stunning clarity with true colors. A 1ms response time and 165 Hz refresh rate give you the edge when it matters most. The innovative AMD Radeon™ FreeSync™ technology* takes gameplay to a whole new level, churning out ultra-smooth visuals, reducing screen tearing and motion blur.

*AMD Radeon™ FreeSync™ technology is compatible only with select AMD APUs and GPUs

VICTORY IS IN SIGHT

Enhanced Gaming Experience

IPS Gaming Experience

Superior Ergonomic Design

FLUID DISPLAY WITH UNPARALLELED QUALITY

Graphics-intensive games are handled with ease thanks to a 165 Hz refresh rate and rapid 1ms response time that minimize motion blur, input lag, and screen tearing. Experience uninterrupted gameplay with the innovative AMD Radeon™ FreeSync™ technology* that dynamically manages refresh rates in real time to ensure smooth rendering. FreeSync™ effectively communicates with the GPU to optimize frame sync and eliminate display stuttering.



Refresh Rate: 165 Hz

Response Time: 1ms

Technology: AMD Radeon™ FreeSync™*

*AMD Radeon™ FreeSync™ technology is compatible only with select AMD APUs and GPUs

INCREDIBLY IMMERSIVE FOR THE MAXIMUM ADVANTAGE

Rule the battlefield with the impressive 27-inch screen and 2560 x 1440 resolution that reduce ghosting in high-res games so you can spot every detail. Gameplay comes alive on the Legion Y27q-20, boasting a DCI-P3 98% color gamut that produces incredibly vivid colors. The IPS panel offers an ultra-wide viewing angle of 178° that lets you see more and do more with your Legion. Designed to optimize overall visuals with a NearEdgeless QHD, anti-glare display, and narrow bezels so you can focus on the game. Optional USB speakers with Harman Kardon sound augments the audio-visual experience on the Y27q-20 display.

Display: IPS wide viewing angle panel

Resolution: QHD (2560 x 1440), DCI-P3 98% color gamut

Audio: Optional monitor USB speaker with sound by Harman Kardon



COMFORT AND STYLE THAT'S EASY ON THE EYES

Certified for longer hours without straining your eyes on the Y27q-20 that's TÜV Rheinland Eye Comfort certified. Flicker-free technology and reduced reflections make for comfortable gaming, while the blue light reduction function lets you tailor the display precisely to your needs. Sturdy yet flexible, the ergonomically designed monitor stand with VESA mount capability as well as lift, tilt, pivot, and swivel functionalities ensure you're always comfortable while gaming. Connectivity is a breeze on the Y27q-20 that comes equipped with USB 3.1 ports, an HDMI 1.4 port, a DP 1.2 port, and an audio combo jack for both input and output. The integrated headphone hook on the side of the monitor ensures your space is clutter-free. The Lenovo Artery 2.0 software provides enhanced customization options to manage and configure the monitor.



Certification: TÜV Rheinland Eye Comfort

User Comfort: Ergonomic stand, VESA mount

Software: Lenovo Artery 2.0

[Download Lenovo Artery](#)

TECH SPECS

DISPLAY

- Panel Size** 27-inch
- Screen Dimensions (H x V)** 608.8 x 355.1 mm / 23.97 x 13.98 inches
- Panel Type** IPS
- 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)** 178° / 178°
- Response Time (gray to gray)** 1ms (Extreme mode) 3ms (Normal mode)
- Refresh Rate** 165 Hz (Max)
- Brightness** 350 cd/m² (Max) 280 cd/m² (Min)
- Contrast Ratio (typical)** 1000:1
- Dynamic Contrast Ratio (typical)** 3M:1
- Color Gamut (1931)** DCI-P3 98%
- Color Support** 1.07 Billion
- 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
- USB Upstream** 1 x USB Type-B
- USB Downstream** 3 x USB 3.1 Type-A

MULTIMEDIA

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

SPECIAL FEATURES

- Sync Technology** AMD Radeon™ FreeSync™**
- Software** Lenovo Artery 2.0**

POWER

- Power Consumption (Typ./Max)** 50 W / 90 W
- Power Consumption Sleep Mode** <0.5 W
- Power Consumption Switch-off Mode** <0.5 W
- Power Supply** External
- Voltage Required** AC 100 to 240 V (50 / 60 Hz)

MECHANICAL

- Tilt Angle (front/back)** -5° / 22°
- 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
- Retractable Headphone Hook** Yes
- Bezel Color** Raven Black
- Bezel Width** 2.0 mm / 0.08 inch (side) 2.0 mm / 0.08 inches (top) 23.6 mm / 0.93 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) (W/O Only)** 63.4 x 368.7 x 614.0 mm / 2.50 x 14.52 x 24.17 inches
- Weight Packed** 9.70 kg / 21.38 lbs.
- Weight Unpacked** 6.77 kg / 14.92 lbs.
- Weight (Monitor Head Only)** 4.37 kg / 9.63 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 Adapter and Power Cord (1 m)
- 1 x Quick Setup Guide

CERTIFICATIONS

- CCC** Yes
- RoHS (EU 2002/95/EC)** Yes
- Windows Certification** Windows 7, Windows 10
- China Energy Efficiency Standard** Tier 2
- TÜV Rheinland Eye Comfort** Yes



*AMD Radeon™ FreeSync™ technology is compatible only with select AMD APUs and GPUs
** [Download Lenovo Artery](#)

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