

# Lenovo Q27h-20 Monitor

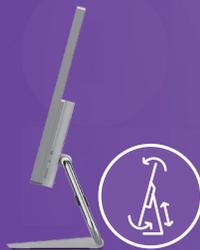
## Excellence all around.

Performance, in style.

Whether you are a fashionista or a professional seeking high productivity and efficiency, the Lenovo Q27h-20 Monitor is built for you. Loaded with impeccable style and advanced features that complement your home aesthetic, the monitor transforms your daily viewing experience. This 27-inch QHD resolution In-Plane Switching (IPS) display comprises an aesthetic 4-side NearEdgeless design. The combination of Natural Low Blue Light technology and an ergonomically designed adjustable stand ensures that you get a comfortable viewing experience in every way possible. The USB Type-C<sup>1</sup> one-cable solution provides a better, faster, and broader connectivity to other devices. The display features 127% sRGB color space, and 10-bit color support to provide a vivid viewing experience with Avg. Delta E<2 color accuracy at every angle - delivering an overall professional-level color performance. The thoughtfully designed space-saving stand base with a mobile phone holder not only ensures that your work environment is tidy but also offers you the added convenience of charging your phone. Moreover, you get a superior user experience with the Lenovo Artery Software<sup>2</sup>, that besides basic settings, also lets you control the monitor and other devices with its advanced tools. Convenient monitor settings let you easily adjust the scenario mode, color, audio, etc., with just a single click on the mouse. Last, but not least, the dual 3W speakers enhances your audio experience.

Lenovo

### KEY FEATURES OF LENOVO Q27h-20 MONITOR



#### Style meets superior functionality

The Lenovo Q27h-20 is as great to look at as it is to view content - providing a perfect balance of aesthetics and functionality. The ergonomically designed monitor stand is equipped with a unique height-adjust stand with tilt and lift function, allowing you to select your preferred height and angle for a comfortable viewing experience. The monitor's trend-setting 4-side NearEdgeless design adds a sophisticated style while occupying lesser desk space. We understand the assistive role your phone plays in everyday life. That is why the monitor-stand seamlessly accommodates your mobile in the mobile-holder, allowing you to keep an eye on your phone and keep your desk space tidy. The monitor stand's terrazzo grey color, along with the metal stand arm, adds a sophisticated touch to the overall aesthetic appearance of the Lenovo Q27h-20 monitor.

#### Picture-perfect

The Lenovo Q27h-20 monitor accommodates a 27-inch QHD resolution IPS display that provides impeccable size and clarity to view multiple content simultaneously with high clarity. The display features 127% sRGB color space, 10-bit color, and Avg. Delta E<2 color accuracy, giving you a premium color performance - at every angle. The Artery Software<sup>2</sup> allow users to easily adjust the setting of display and elevates the viewing experience further by providing advanced tools that help seamlessly manage the monitor and other devices. The monitor provides a color experience that not just meets a home user's entertainment needs, but also the specific needs of content creators.

#### Unleash an all-around experience

Enjoy long hours of screen time comfortably with the Lenovo Q27h-20 monitor's Natural Low Blue Light technology that automatically reduces harmful blue light while maintaining color accuracy. Enjoy content from multiple devices by connecting them seamlessly with the incredibly convenient connectivity of the USB Type-C<sup>1</sup> one-cable solution to a versatile range of ports, including HDMI 2.0 and DP 1.4. With the Smart Power feature, you can work without any worries about power consumption. Enjoy visual content with an all-around experience with audio from the dual 3W speakers, producing rich and clearer audio during the daily on-screen action, voice conferences, or online classes.

<sup>1</sup> USB Type-C\* and USB-C\* are registered trademarks of USB Implementers Forum. | <sup>2</sup> This software can only be used with Windows 10.

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## DISPLAY

**Panel Size**  
27-inch

**Screen Dimensions (W x H, mm)**  
608.6 mm x 348.6 mm

**Panel Type**  
4-side NearEdgeless  
In-Plane Switching

**Active Area**  
596.7 mm x 335.7 mm

**Backlight**  
WLED

**Aspect Ratio**  
16:9

**Resolution**  
2560 x 1440

**Pixel Pitch**  
0.2331 mm x 0.2331 mm

**Dot/Pixel Per Inch (DPI/PPI)**  
109

**Viewing Angle (H x V @ CR 10:1)**  
178° / 178°

**Refresh Rate**  
70 Hz

**Brightness (Typical)**  
350 cd/m<sup>2</sup>

**Contrast Ratio (Typical)**  
1000:1

**Dynamic Contrast Ratio (Typical)**  
3M:1

**Color Gamut**  
99% sRGB, 95% DCI-P3

**Color Space**  
127% sRGB

**Color Support (Typical)**  
1.07 Billion

**Color Depth**  
10-bit (8+FRC)

**Processor LUT**  
12-bit

**Anti-Glare**  
Yes

## CONNECTIVITY

**Video Signal**  
1 x USB Type-C<sup>1</sup> Gen1 (DP 1.4 Alt Mode HBR2)  
2 x HDMI 2.0  
1 x DP 1.4

**Audio Signal**  
1 x Audio Out (3.5 mm)

**USB Hub**  
Yes

**USB Upstream**  
1 x USB3.2 Gen1<sup>2</sup> Type-C<sup>1</sup>

**USB Downstream**  
4 x USB3.2 Gen1<sup>2</sup> (3 x USB-A, 1 x USB-C<sup>1</sup> (PD15W))

## MULTIMEDIA

**Integrated Speakers**  
Yes (2 x 3W)

## SPECIAL FEATURES

**Factory Calibration**  
Yes (Avg. Delta E<2)

**Software**  
Lenovo Artery<sup>3</sup> (Lenovo Display Control Center)

**Sync Technology**  
AMD FreeSync™<sup>4</sup>

**Natural Low Blue Light**  
Yes

## POWER

**Power Supply**  
External

**USB Type-C (DP Alt Mode) Power Delivery<sup>5</sup>**  
Up to 90W

**USB Type-C (Downstream) Power Delivery<sup>5</sup>**  
Up to 15W

**Smart Power**  
Yes

**Voltage Required**  
AC 100 to 240 V (50-60 Hz)

## MECHANICAL

**Tilt Angle (Front / Back)**  
-5° / 22°

**Lift (Max. Range)**  
80 mm

**VESA Mount Capability**  
Yes (100 x 100 mm)

**Kensington Lock Slot**  
Yes

**Cable Management**  
Yes

## WHAT'S IN THE BOX

**Monitor with Stand**  
Yes

**Power Cable**  
Yes

**USB Cable (Cable Length)**  
Yes (1m)

**Quick Setup Guide**  
Yes

**Tools**  
1 x Screwdriver and 3 x Screws

## CERTIFICATION

**CCC**  
Yes

**RoHS (EU 2002/95/EC)**  
Yes

**Windows Certification**  
Windows 10, Windows 11

**TÜV Rheinland Eye Comfort**  
Yes

**TÜV Low Blue Light (Hardware Solution)**  
Yes

**Eyesafe Display Certification**  
Yes



**AMD**  
FreeSync

<sup>1</sup> USB Type-C<sup>®</sup> and USB-C<sup>®</sup> are registered trademarks of USB Implementers Forum. | <sup>2</sup> Depending on many factors such as the processing capability of peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the various USB connectors on this device will vary and is typically slower than the data rates as defined by the respective USB specifications: 5 Gbit/s for USB 3.2 Gen 1; 10 Gbit/s for USB 3.2 Gen 2 & 20 Gbit/s for USB 3.2 Gen2x2. | <sup>3</sup> This software can only be used with Windows 10. | <sup>4</sup> AMD FreeSync™ only can work with AMD Radeon™ series graphics card.

<sup>5</sup> Listed as maximum capacity of power delivery. Actual capacity of power delivery may vary depending upon devices connected or monitor configuration, and may decline with downstream USB ports connected or higher setting.

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