

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-C¹ one-cable solution provides a better, faster, and broader connectivity to other devices. A Smart Power feature eliminates power consumption issues with up to 90W power supply. The display features 95% DCI-P3 color gamut, 128% sRGB color space, 1.07 billion color support and HDR10 to provide a vivid, life-like 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 Software², 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 with Smart Amp technology enhances your audio experience.

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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 and delivers a generous and expansive infinity viewing experience. 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 with 92.4% screen-to-body ratio that provides an infinity viewing experience to view multiple content simultaneously with high clarity. The display features 95% DCI-P3 color gamut, 128% sRGB color space, 10-bit color depth, and 1.07 billion color support giving you a premium color performance - at every angle. Prepare to be dazzled by HDR10 which displays life-like colors for a brilliant viewing experience with Avg. Delta E<2 color accuracy from every perspective. The Lenovo Q27h-20 monitor's Natural Low Blue Light technology automatically reduces harmful blue light while maintaining color accuracy - enabling comfortable viewing while working from home or studying online easy, relaxing and safe for your eyes.

Unleash an all-around experience

Enjoy content from multiple devices by connecting them seamlessly with the incredibly convenient connectivity of the USB Type-C¹ one-cable solution to a versatile range of ports, including HDMI 2.0 and DP 1.4. Work without any worries about power consumption, backed by the Smart Power feature, with up to 90W power supply. The Artery Software² allows users to easily adjust the setting of the display and elevates the viewing experience further by providing advanced tools that help seamlessly manage the monitor and other devices. Your viewing experience is enhanced with all-round audio from the dual 3W speakers with Smart Amp technology producing rich and clear audio that amplifies sound quality for on-screen action, voice conferences or online classes.

¹ USB Type-C[®] and USB-C[®] are registered trademarks of USB Implementers Forum. | ² This software can only be used with Windows 10 and Windows 11.

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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
0.233 mm x 0.233 mm

Dot/Pixel Per Inch (DPI/PPI)
109

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

Response Time
4ms (Level 4), 5ms (Level 3),
6ms (Level 2), 7ms (Level 1),
14ms (Off Mode)

Refresh Rate
70 Hz

HDR Compliance
HDR10

Brightness (Typical)
350 cd/m²

Contrast Ratio (Typical)
1000:1

Dynamic Contrast Ratio (Typical)
3M:1

Color Gamut (Coverage Ratio)
99% sRGB (CIE 1931),
95% DCI-P3 (CIE 1976)

Color Gamut (Color Area Ratio)
128% sRGB (CIE 1931)

Color Support (Typical)
1.07 Billion

Color Depth
10 bit (8-bit + FRC)

Processor LUT
12-bit

Anti-Glare
Yes

CONNECTIVITY

Video Signal
1 x USB Type-C¹ Gen1 (DP 1.4 Alt Mode)
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 USB Type-C¹ (USB 3.2 Gen1²/UFP/
HBR2/65W up to 90W)

USB Downstream
3 x USB 3.2 Gen1² Type-A
1 x USB 3.2 Gen1² Type-C¹ (15W)

MULTIMEDIA

Integrated Speakers
Yes (2 x 3W), Smart Amp

Modular Camera Support
Yes (Lenovo LC 50)

SPECIAL FEATURES

Factory Calibration
Yes (Avg. Delta E<2)

Software
Lenovo Artery³ (Lenovo Display
Control Center)

Sync Technology
AMD FreeSync™⁴

Natural Low Blue Light
Yes

POWER

Power Consumption (Typ./Max)
26W/150W

Power Consumption Sleep/Off Mode
< 0.5W

Power Consumption Switch-Off Mode
< 0.3W

Power Supply
External

**USB Type-C¹ (DP Alt Mode)
Power Delivery⁵**
Up to 90W

**USB Type-C¹ (Downstream)
Power Delivery⁵**
Up to 15W

Smart Power
Yes

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

MECHANICAL

Tilt Angle (Front / Back)
-5° / 22°

Lift Range
80 mm

VESA Mount Capability
Yes (100 x 100 mm)

Kensington Lock Slot
Yes

Cable Management
Yes

Bezel Color
Cloud Grey

Bezel Width (Side)
2.0 mm

Bezel Width (Top / Bottom)
2.0 mm / 2.0 mm

DIMENSION

**Size Packed
(D x H x W) (mm/inch)**
470.0 x 142.0 x 715.0 mm
18.50 x 5.59 x 28.15 inches

**Size Unpacked w/ Stand
(Lowest Position)
(D x H x W) (mm/inch)**
186.9 x 479.6 x 613.4 mm
7.36 x 18.88 x 24.15 inches

**Size Unpacked w/ Stand
(Highest Position)
(D x H x W) (mm/inch)**
186.9 x 559.6 x 613.4 mm
7.36 x 22.03 x 24.15 inches

**Size Unpacked w/o Stand (Head Only)
(D x H x W) (mm/inch)**
41.8 x 353.4 x 613.4 mm
1.65 x 13.91 x 24.15 inches

Weight Packed (kg / lbs.)
9.3 kg / 20.6 lbs.

Weight Unpacked (kg / lbs.)
6.3 kg / 14.0 lbs.

Weight (Monitor Head Only) (kg / lbs.)
4.4 kg / 9.7 lbs.

WHAT'S IN THE BOX

Monitor with Stand
Yes

Power Cable (Cable Length)
1 x Power Cable (1.0 m)

Adapter
1 x Adapter (150W)

HDMI Cable (Cable Length)
1 x HDMI Cable (1.8 m)

USB Cable (Cable Length)
1 x USB Type-C Cable (1.0 m)

Factory Calibration Report
Yes

Quick Setup Guide
Yes

Warranty Booklet
Yes

Tools
1 x Screwdriver and 2 x Screws

CERTIFICATION

CCC
Yes

RoHS (2011/65/EU)
Yes

Windows Certification
Windows 10, Windows 11

China Energy Efficiency Standard
Tier 2

TÜV Rheinland Eye Comfort
Yes

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

Eyesafe Display Certification
Yes



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¹ USB Type-C[®] and USB-C[®] are registered trademarks of USB Implementers Forum. | ² 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 Gen 2x2. | ³ This software can only be used with Windows 10 and Windows 11. | ⁴ AMD FreeSync™ only can work with AMD Radeon™ series graphics card.

⁵ 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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