

Lenovo Q27h-20 66EDUAC1EU

Product

Lenovo Q27h-20

Machine Type

66ED

Region

EMEA

Display Size

27"

View Area

596.7x335.7 mm

Panel

In-Plane Switching

Aspect Ratio

16:9

Resolution

2560x1440

Pixel Pitch

0.233x0.233 mm

Dot / Pixel Per Inch

109 dpi

View Angle (H / V)

178 / 178

Response Time

4ms (Level 4) / 5ms (Level 3) / 6ms (Level 2) / 7ms (Level 1) / 14ms (Off Mode)

Color Support

1.07 Billion

Refresh Rate

70 Hz

Brightness

350 nits

Contrast Ratio

1000:1

Color Gamut

99% sRGB, 95% DCI-P3

Curvature

None

Anti-glare

Yes

Video Connector

2x HDMI 2.0, 1x DP 1.4, 1x USB-C 3.2 Gen 1 (DP 1.4 Alt Mode)

USB Port

3x USB-A 3.2 Gen 1, 1x USB-C 3.2 Gen 1 (15W)

Camera

Lenovo LC 50 Support

Microphone

None

Speakers

2 x 3W with Smart Amp

Power Consumption (Typical / Maximum)

26W / 150W

Power Adapter

Integrated

Stand

Tilt, Height Adjust Stand

Color

Cloud Grey

Side Bezel Width

2 mm

Dimensions with Stand (HxWxD)

559.6x613.4x186.9 mm / 22.03x24.15x7.36 inches

Weight (Including Stand)

6.3 kg / 14.0 lbs.

Cables Included

HDMI cable, USB Type-C Cable

Environmental Certification

RoHS

Ergonomic Certification

Eyesafe Display, TÜV Low Blue Light (Hardware solution), TÜV Rheinland Eye Comfort

Base Warranty

3-year

Operating System Support

Support Windows 10, Windows 11

Sync Technology

AMD FreeSync

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

0196378003245 / 196378003245 / None

Announce Date

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<https://psref.lenovo.com>

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Lenovo Q27h-20 Monitor

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



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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Specifications may vary depending upon region.

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