Lenovo Legion Y27h-30 66F6UAC3EU

Product
Lenovo Legion Y27h-30

Machine Type
66F6

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
0.5 ms (MPRT) / 1 ms (Level 4) / 2 ms (Level 3) / 3 ms (Level 2) / 4 ms (Level 1) / 5 ms (Off)

Color Support
1.07 Billion

Refresh Rate
165 Hz (DP/Type-C) / 180 Hz (Overclock, DP/Type-C) / 144 Hz (HDMI)

Brightness
400 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

USB Port
4x USB 3.2 Gen 1

Network Connectivity
None

Camera
Modular Camera Support

Microphone
None

Speakers
2x 3W

Power Consumption (Typical / Maximum)
88w / 160w

Power Adapter
Integrated

Stand
Tilt, Swivel, Pivot, Height Adjust Stand

Color
Raven Black

Side Bezel Width
2 mm

Dimensions with Stand (HxWxD)
536.5x613.7x258.8 mm / 21.12x24.16x10.19 inches

Weight (Including Stand)
6.8 kg / 15.0 lbs.

Cables Included
DP cable, USB-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 Premium, Adaptive Sync

ThinkCentre M Series Support
None

Processor
None

Touchscreen
None

Controller
None

Display Ram / Storage / Card Slot
None / None / None

EAN / UPC / JAN
0196800454201 / 196800454201 / None

Announce Date
2022-07-29

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Legion Y27h-30 Monitor

Display

Panel Size
27-inch

Screen Dimensions
608.8 mm x 355.1 mm

Panel Type
3-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
0.5ms (MPRT[1]), 1ms (Level 4),
2ms (Level 3), 3ms (Level 2),
4ms (Level 1), 5ms (Off)

Refresh Rate
DP/Type-C[2] : 165Hz (Overclock to
180Hz[3])
HDMI   : 144Hz

Brightness (Typical)
400 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)
126% sRGB (CIE 1931)

Color Support
1.07 Billion

Color Depth
10-bit (8+FRC)

Processor LUT
10-bit

HDR Compliance
Yes (DisplayHDR™ 400)

Anti-Glare
Yes

Connectivity

Video Signal
1 x USB Type-C[2] (DP 1.4 32.4 Gbps
for 4 Lanes Alt Mode)
2 x HDMI 2.0
1 x DP 1.4

USB Hub
Yes

USB Upstream
1 x USB 3.2 Gen 1[4] Type-B

USB Downstream
4 x USB 3.2 Gen 1[4] Type-A

Audio Signal
1 x Audio Out (3.5 mm)

USB Hub
Yes

USB Upstream
1 x USB 3.2 Gen 1[4] Type-B

USB Downstream
4 x USB 3.2 Gen 1[4] Type-A

Multimedia

Integrated Speakers
Yes (2 x 3W)

Modular Camera Support
Yes (Lenovo LC 50)

Special Features

Factory Calibration
Yes (Avg. Delta E<2)

Software
Lenovo Artery
(Lenovo Display Control Center)[5]

Sync Technology
AMD FreeSync™ Premium[6]
Adaptive Sync

Gaming Console Support
Yes

Natural Low Blue Light
Yes

Power

Power Consumption (Typ. / Max.)
88W / 160W

Power Consumption Sleep/Off Mode
< 0.5W

Power Consumption Switch-off Mode
< 0.3W

Power Supply
Internal

**USB Type-C[2] (DP Alt Mode) Power
Delivery[7]**
Up to 75W

Smart Power
Yes

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

Mechanical

Tilt Angle (Front / Back)
-5° / 25°

Swivel Angle (Left / Right)
-30° / 30°

Lift Range
135 mm

Pivot
-90° / 90°

VESA Mount Capability
Yes (100 x 100 mm)

Kensington Lock Slot
Yes

Cable Management
Yes

Bezel Color
Raven Black

Bezel Width (Side)
2.0 mm

Bezel Width (Top / Bottom)
2.0 / 20.6 mm

Dimension

**Size Packed
(D x H x W) (mm/inch)**
720.0 x 510.0 x 160.0 mm
28.35 x 20.08 x 6.30 inches

**Size Unpacked w/ Stand
(Lowest Position)
(D x H x W) (mm/inch)**
258.8 x 401.5 x 613.7 mm
10.19 x 15.81 x 24.16 inches

**Size Unpacked w/ Stand
(Highest Position)
(D x H x W) (mm/inch)**
258.8 x 536.5 x 613.7 mm
10.19 x 21.12 x 24.16 inches

**Size Unpacked w/o Stand
(Head Only)
(D x H x W) (mm/inch)**
61.0 x 365.9 x 613.7 mm
2.40 x 14.41 x 24.16 inches

Weight Packed (kg / lb)
9.8 kg / 21.6 lbs.

Weight Unpacked (kg / lb)
6.8 kg / 15.0 lbs.

**Weight (Monitor Head Only)
(kg / lb)**
4.8 kg / 10.6 lbs.

What's in the Box

Monitor with Stand
Yes

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

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

USB Cable (Cable Length)
1 x USB Type-C[2] Gen 2 Cable (1.0 m)

Factory Calibration Report
Yes

Quick Setup Guide
Yes

Warranty Booklet
Yes

Certification

CCC
Yes

**Volatile Organic Compound
Certification**
Yes

RoHS (2011/65/EU)
Yes

Windows Certification
Windows 10, Windows 11

China Energy Efficiency Standard
Tier 1

TÜV Rheinland Eye Comfort
Yes

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

Eyesafe Display Certification
Yes

Smarter technology for all

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