

ThinkVision P40w-20 62C1GAT6CH

Product

ThinkVision P40w-20

Machine Type

62C1

Region

EMEA

Display Size

39.7"

View Area

942.6x414.6 mm

Panel

In-Plane Switching

Aspect Ratio

21:9

Resolution

5120x2160

Pixel Pitch

0.1815x0.1815 mm

Dot / Pixel Per Inch

140 dpi

View Angle (H / V)

178 / 178

Pixel Response Time

4 ms (Extreme mode) / 6 ms (Typical mode)

Refresh Rate

75 Hz

Brightness

300 nits

Contrast Ratio

1000:1

Color Gamut

99% sRGB, 98% DCI-P3

Anti-glare

Yes

Multiple Input

Thunderbolt 4, HDMI 2.0, DP 1.4

USB Port

4x USB 3.2 Gen 1 Type-A, 1x USB-C 3.2 Gen 1, 1x Thunderbolt 4

Camera

None

Microphone

None

Speaker

None

Power Consumption (Typical / Maximum)

66W / 250W

Power Adapter

Integrated

Stand

Tilt, Swivel, Height Adjust Stand

Color

Raven Black

Side Bezel Width

2.0 mm

Dimensions with Stand (HxWxD)

641.2x947.6x279.4 mm / 25.24x37.31x11 inches

Weight (Including Stand)

20.0 kg / 44.1 lbs.

Monitor cable

Thunderbolt 4 (40Gbps)

ENERGY STAR

Yes

TCO

TCO 8.0

EPEAT

Gold

TÜV Rheinland Low Blue Light

Low Blue Light

TÜV Rheinland Eye Comfort

Yes

TÜV Rheinland Eyesafe Display

Yes

TÜV Rheinland Flicker Free

None

Base Warranty

3-year

Operating System Support

Support Windows 10

Sync Technology

None

Tiny Support / CPU / Platform

None / None / None

Ethernet / Bluetooth / Wireless

Ethernet (10M/100M/1000M) / None / None

Touch Screen / Digitizer Pen / Battery

None / None / None

Display Ram / Storage / Card Slot

None / None / None

EAN / UPC / JAN

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Announce Date

2021-07-06

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Lenovo™

ThinkVision P40w-20

DISPLAY

Panel Size

39.7-inch

Screen Dimensions

942.6 mm x 414.6 mm

Panel Type

3-side NearEdgeless
In-Plane Switching

Active Area

929.3 mm x 392 mm

Curvature

2500R

Backlight

WLED

Aspect Ratio

21:9

Resolution

5120 x 2160

Pixel Pitch

0.1815 x 0.1815 mm

Dot/Pixel Per Inch (DPI/PPI)

140

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

178° / 178°

Response Time

4ms (Extreme Mode),
6ms (Normal Mode)

Refresh Rate

75 Hz⁶

Brightness (Typical)

300 cd/m²

Contrast Ratio (Typical)

1000:1

Dynamic Contrast Ratio (Typical)

3M:1

Color Gamut

99% sRGB, 98% DCI-P3

Color Support (Typical)

1.07 Billion

Color Depth

10-bit

HDR Compliance

Yes⁴

Anti-glare

Yes

SPECIAL FEATURES

Factory Calibration

Yes (Avg. Delta E<2)

Software

Lenovo ThinkColour (Lenovo
Display Control Center)¹

PIP/PBP

Yes

KVM Switch

Yes

CONNECTIVITY

Video Signal

2 x Thunderbolt™ 4

1 x HDMI 2.0

1 x DP 1.4

Audio Signal

1 x Audio Out (3.5 mm)

Ethernet

Yes (10M/100M/1000M)

USB Hub

Yes

USB Upstream

1 x USB 3.2 Gen 1⁸

(1 by USB Type-B)

1 x Thunderbolt™ 4

USB Downstream

4 x USB 3.2 Gen 1 Type-A⁸

1 x USB 3.2 Gen 1 Type-C⁸

1 x Thunderbolt™ 4

POWER

Power Consumption

(Typical / Max.)
66W / 250W

Power Consumption

Sleep/Off Mode
<0.5W

Power Consumption

Switch-Off Mode
<0.3W

ENERGY STAR Power

Consumption (P_{on}/E_{TEC})
53W/168kWh

Power Supply

Internal

USB Type-C Power Delivery(W)

up to 27W³

TBT Power Delivery (W)

Yes (Up to 100W³)

Smart Power

Yes

Voltage Required

AC 100 to 240 V
(50–60 Hz)

MECHANICAL

Tilt Angle (Front / Back)

-5° / 22°

Swivel Angle (Left / Right)

-45° / 45°

Lift (Max. Range)

130 mm

VESA Mount Capability

Yes (100 x 100 mm &
200 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 / 23.0 mm

DIMENSIONS

Size Packed (D x H x W, mm/inch)

275.0 x 526.0 x 1085.0 mm
10.82 x 20.70 x 42.71 inches

Size Unpacked w/ Stand

(D x H x W, mm/inch)
(Lowest Position)

279.4 x 511.2 x 947.6 mm
11.00 x 20.12 x 37.30 inches

Size Unpacked w/ Stand

(D x H x W, mm/inch)
(Highest Position)

279.4 x 641.2 x 947.6 mm
11.00 x 25.24 x 37.30 inches

Size Unpacked w/o Stand

(Head Only) (D x H x W, mm/inch)

100.8 x 428.7 x 947.6 mm
3.96 x 16.88 x 37.30 inches

Weight Packed (kg / lbs.)

20.0 kg / 44.1 lbs.

Weight Unpacked (kg / lbs.)

14.6 kg / 32.2 lbs.

Weight (Monitor Head Only)

(kg / lbs.)

9.9 kg / 21.9 lbs.

WHAT'S IN THE BOX

Monitor with stand

1 x Power cable (1.8 m)

1 x Thunderbolt™ 4 cable (40 Gbps)

Quick setup guide

Factory calibration report

CERTIFICATION

ENERGY STAR Certification

Yes

CCC

Yes

TCO

8.0

TCO Edge

2.0

EPEAT

Gold

RoHS (EU 2011/65/EC)

Yes

Windows Certification

Windows 10

China Energy Efficiency Standard

Tier 2

TÜV Rheinland Eye Comfort

Yes

TÜV Rheinland Low Blue Light

Yes

TÜV Rheinland Flicker Free

Yes

TÜV Low Blue Light

(Hardware Solution)

Yes

Eyesafe Display Certification

Yes



¹This software can only be used with Windows 10. ²USB Type-C and USB-C are registered trademarks of USB Implementers Forum. ³Listed 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 brightness setting. ⁴HDR10 only. ⁵True Split is available with Thunderbolt™ or DisplayPort™ connection in Windows only. ⁶Thunderbolt™ and DisplayPort™ only. ⁷eKVM functionality may vary if using a different brand of mouse. ⁸Depending 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.

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Specifications may vary depending upon region.

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