

ThinkVision P40w-20 62DDGAT6EU

Product

ThinkVision P40w-20

Machine Type

62DD

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

Response Time

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

Color Support

1.07 Billion

Refresh Rate

75 Hz

Brightness

300 nits

Contrast Ratio

1000:1

Color Gamut

99% sRGB, 98% DCI-P3

Curvature

2500R

Anti-glare

Yes

Video Connector

HDMI, DP, Thunderbolt

USB Port

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

Camera

ThinkVision MC 50 monitor webcam

Microphone

Built-in dual microphones in MC 50

Speakers

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.

Cables Included

Thunderbolt 4 cable

Environmental Certification

Energy Star Certified, TCO 9.0, EPEAT Gold, RoHS

Ergonomic Certification

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

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

0195891414804 / 195891414804 / None

Announce Date

2021-07-26



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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 1^a
(1 by USB Type-B)
1 x Thunderbolt™ 4

USB Downstream
4 x USB 3.2 Gen 1 Type-A^a
1 x USB 3.2 Gen 1 Type-C^a
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
9.0

EPEAT
Gold

RoHS (EU 2011/65/EC)
Yes

Windows Certification
Windows 10, Windows 11

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



¹ This software can only be used with Windows 10 & Windows 11. ² USB Type-C and USB-C are registered trademarks of USB Implementers Forum. ³ 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 brightness setting. ⁴ HDR10 only. ⁵ True Split is available with Thunderbolt™ or DisplayPort™ connection in Windows only. ⁶ Thunderbolt™ and DisplayPort™ only. ⁷ eKVM functionality may vary if using a different brand of mouse. ⁸ 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.

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Specifications may vary depending upon region.

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