

ThinkVision P24h-20

DISPLAY

Panel Size
23.8-inch

Screen Dimensions
526.85 mm x 296.35 mm

Panel Type
3-side NearEdgeless
In-Plane Switching

Backlight
WLED

Aspect Ratio
16:9

Resolution
2560 x 1440

Pixel Pitch
0.2058 x 0.2058 mm

Dot/Pixel Per Inch (DPI/PPI)
123

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

Response Time
4ms (extreme mode)
6ms (normal mode)

Refresh Rate
60 Hz

Brightness (typical)
300 cd/m²

Contrast Ratio (typical)
1000:1

Dynamic Contrast Ratio (typical)
3M:1

Color Gamut
99% sRGB,
99% BT.709,
84% DCI-P3

Color Support (typical)
16.7 Million

Processor LUT
8-bit

Anti-glare
Yes

CONNECTIVITY

Video Signal
1x USB Type-C Gen1
(DP1.2 Alt Mode)
1x HDMI 1.4
1x DP 1.2
1x DP 1.2 (Out)

Audio Signal
1x Audio Out (3.5 mm)

USB Hub
Yes

Ethernet
Yes (10M/ 100M/ 1000M)

USB Upstream
1x USB 3.1 Gen1
(by USB Type-C Gen1)

USB Downstream
4 x USB 3.1 Gen1 (1x BC1.2)

MULTI-MEDIA

Integrated Speakers
Yes (2 x 1W)

Optional Soundbar Support
Yes (PN 0A36190)

SPECIAL FEATURES

Factory Calibration
Yes (Avg. ΔE<2)

Software
Yes (ThinkColor 2.0)¹

POWER

Power Consumption
(typ./max.)
23W / 132W

Power Consumption
Sleep/O Mode
≤0.5W

Power Consumption
Switch-o Mode
≤0.3W

ENERGY STAR Power
Consumption (P_{on}/E_{TEC})
18.1W / 57.4kWh

Power Supply
Internal

USB Type-C Power
Delivery (W)
up to 75 W²

Smart Power
Yes

Voltage Required
AC 100 to 240 V (47-63 Hz)

MECHANICAL

Tilt Angle (front/back)
-5° / 35°

Swivel Angle (left/right)
+45° / -45°

Lift (max. range)
150 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 mm

Bezel Width (top/bottom)
2 / 21.4 mm

DIMENSION

Size Packed (D x H x W,
mm/inch)
620 x 149 x 423 mm
24.4 x 5.9 x 16.7 inches

Size Unpacked w/ Stand
(D x H x W, mm/inch)
(lowest position)
205 x 420 x 539.8 mm
8.07 x 16.5 x 21.3 inches

Size Unpacked w/ Stand
(D x H x W, mm/inch)
(highest position)
205 x 570 x 539.8 mm
8.07 x 22.4 x 21.3 inches

Size Unpacked w/o Stand
(head only) (D x H x W, mm/inch)
44.6 x 325.7 x 539.8 mm
1.8 x 12.8 x 21.3 inches

Min. Distance from Table to Panel
(lowest pixel at bottom of screen,
mm)
117.9 mm

Max. Distance from Table to Panel
(highest pixel at top of screen,
mm)
415 mm

Weight Packed (kg/ lbs.)
8.1kg / 17.86 lbs.

Weight Unpacked (kg/ lbs.)
6.18 kg / 13.6 lbs.

Weight (monitor head only)
(kg/ lbs.)
3.85 kg / 7.89 lbs.

Full Container Load
(40' STD/20' STD)
1395 / 645 units

WHAT'S IN THE BOX

Monitor with stand
1x Power cable (1.8 m)
1x DP cable (1.8 m) (NA only)
1x USB Type-C to Type-C cable
(1.8 m)
1x USB Type-C to Type-A cable
(1.8 m) (NA only)
Factory calibration report
Quick setup guide

CERTIFICATION

ENERGY STAR Rating
8.0

CCC
Yes

TCO
8.0

TCO Edge
2.0

EPEAT
Silver

RoHS (EU 2002/95/EC)
Yes

Windows Certification
Windows 7, Windows 10

China Energy Efficiency Standard
Tier 1

TÜV Rheinland Eye Comfort
Yes

¹This software can only be used with Windows 10
²up to 75 W power delivery to compatible devices by USB Type-C

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 3.1 Gen1; 10 Gbit/s for USB 3.1 Gen2 & 20 Gbit/s for USB 3.2.

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