

ThinkVision Creator Extreme 62A6RAT3IT

Product

ThinkVision Creator Extreme

Machine Type

62A6

Region

EMEA

Display Size

27"

View Area

596.74x335.66 mm

Panel

In-Plane Switching

Aspect Ratio

16:9

Resolution

3840x2160

Pixel Pitch

0.1554x0.1554 mm

Dot / Pixel Per Inch

163 dpi

View Angle (H / V)

178 / 178

Pixel Response Time

4 ms (Extreme mode) / 6 ms (Normal Mode)

Refresh Rate

60 Hz

Brightness

620 nits (typical) / 1200 nits (peak)

Contrast Ratio

1100:1 (typical) / 1M:1 (HDR)

Color Gamut

99.5% DCI-P3, 100% sRGB, 100%BT.709, 73% BT.2020

Multiple Input

USB Type-C Gen2 (DP1.4 Alt Mode), HDMI, DP

USB Port

4 x USB 3.2 Gen1 (1 x BC 1.2)

Camera

None

Microphone

None

Speaker

Optional Soundbar Support

Power Consumption (Typical / Maximum)

70W / 270W

Power Adapter

Integrated

Stand

Tilt, Swivel, Pivot, Height Adjust Stand

Color

Raven Black

Side Bezel Width

2.0 mm

Dimensions with Stand (HxWxD)

593.8x613.1x234.1 mm

Weight (Including Stand)

23.81 lb / 10.8kg

Monitor Cable

DP, HDMI, USB Type-C to Type-C, USB Type-A to Type-B

ENERGY STAR

None

TCO

None

EPEAT

None

Low Blue Light / Eye Comfort / Eyesafe Display

Low Blue Light

Base Warranty

3-year

Operating System Support

Support Windows 7, Windows 10

Sync Technology

None

CPU / Platform / Tiny Support

None / None / None

Display Ram / Storage / Card Slot

None / None / None

Wireless / Ethernet / Bluetooth

None / None / None

Touch Screen / Digitizer Pen / Battery

None / None / None

EAN / UPC / JAN

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Announce Date

2021-02-23

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Specifications

DISPLAY

Panel Size

27-inch

Screen Dimensions

608.80 mm x 354.10 mm

Panel Type

3-side NearEdgeless
In-Plane Switching

Active Area

596.74 mm x 335.66 mm

Backlight

Mini-LED
(with 1152 zones local dimming)

Aspect Ratio

16:9

Resolution

3840 x 2160

Pixel Pitch

0.1554 mm x 0.1554 mm

Dot/Pixel Per Inch(DPI/PPI)

163

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

178° / 178°

Response Time

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

Refresh Rate

60 Hz

Brightness (typical)

620 cd/m²

Brightness (peak)

1200 cd/m²

Contrast Ratio (typical)

1100:1
1M:1(HDR)

Dynamic Contrast Ratio (typical)

3M:1

Color Gamut

99.5% DCI-P3,
100% sRGB,
100% BT.709,
73% BT.2020

Color Depth

10-bit (8+FRC)

Processor LUT

14-bit

Color Support (typical)

1.07 Billion

HDR Compliance

Dolby Vision® Approved
DisplayHDR™ 1000
HDR10
HLG

Local Dimming

1152 zones

Anti-glare

Yes

CONNECTIVITY

Video Signal

1 x USB Type-C Gen2
(DP1.4 Alt Mode)
3 x HDMI 2.0
1 x DP 1.4
1 x DP 1.4 (Out)³

Audio Signal

1 x Audio Out (3.5 mm)

USB Hub

Yes

USB Upstream

2 x USB3.2 Gen1 (1 by USB
Type-C, 1 by USB Type-B)

USB Downstream

4 x USB3.2 Gen1 (1x BC1.2)

MULTI-MEDIA

Optional Soundbar Support

Yes (PN 0A36190)

SPECIAL FEATURES

Factory Calibration

Yes (avg. ΔE<1)

PIP/PBP

Yes

KVM Switch

Yes

Software

Lenovo ThinkColour²
(Lenovo Display Control Center)

POWER

Power Consumption (Typ./Max)

70W / 270W

Power Consumption Sleep/Off Mode

< 0.5W

Power Consumption Switch-Off Mode

< 0.3W

Power Supply

Internal

USB Type-C Power Delivery(W)

Up to 100W¹

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)

135 mm

Pivot

-90° / 90°

VESA Mount Capability

Yes (100 x 100 mm)

ThinkCentre M Series Tiny support

Yes, by Tiny/Nano monitor clamp II (PN: 4XH0Z42451) & Tiny VESA mount II (PN: 4XFON03161)

ThinkCentre M Series Nano support

Yes, by Tiny/Nano monitor clamp II (PN: 4XH0Z42451) & Tiny VESA mount II (PN: 4XFON03161)

Kensington Lock Slot

Yes

Headphone Hook

Yes

Cable Management

Yes

Bezel Color

Raven Black

Bezel Width(side)

2.0 mm

Bezel Width(top/bottom)

2.0 / 16.0 mm

WHAT' IN THE BOX

Monitor with stand

1 x Power cable (1.8m)
1 x DP cable (1.8m)
1 x HDMI cable (1.8m)
1 x USB Type-C to Type-C cable (1.5m)
1 x USB Type-A to Type-B cable (1.8m)
Shading Hood
Factory Calibration Report
Quick Setup Guide

DIMENSION

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

758 x 493 x 200 mm

29.84 x 19.41 x 7.87 inches

Size Unpacked w/stand (D x H x W)(mm/inch) (Lowest position)

234.1 x 458.8 x 613.1 mm

9.22 x 18.06 x 24.14 inches

Size Unpacked w/stand (D x H x W)(mm/inch) (Highest position)

234.1 x 593.8 x 613.1 mm

9.22 x 23.38 x 24.14 inches

Size Unpacked w/o stand (Head Only) (D x H x W)(mm/inch)

53.7 x 359.7 x 613.1 mm

2.11 x 14.16 x 24.14 inches

Weight Packed (kg/lb)

13.5kg / 29.76 lbs.

Weight Unpacked (kg/lb)

10.8kg / 23.81 lbs.

Weight (Monitor Head Only) (kg/lb)

6.55kg / 14.44 lbs.

CERTIFICATION

CCC

Yes

RoHS (EU 2002/95/EC)

Yes

Windows Certification

Windows 7, Windows 10

China Energy Efficiency Standard

Tier 1 (professional monitor)

TÜV Rheinland Low Blue Light

Yes



¹ 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.

² Compatible with Windows 10 only

³ For USB Type-C input only

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ThinkVision Creator Extreme

