

# ThinkVision Creator Extreme 62A6RAT3CH

## 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

0195235918548

## 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/m<sup>2</sup>

Brightness (peak)  
1200 cd/m<sup>2</sup>

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)<sup>3</sup>

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 ThinkColour<sup>2</sup>  
(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 100W<sup>1</sup>

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



<sup>1</sup> 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.  
<sup>2</sup> Compatible with Windows 10 only  
<sup>3</sup> For USB Type-C input only  
<sup>4</sup> USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum.

# ThinkVision Creator Extreme

