

# ThinkVision Creator Extreme 62A6RAT3EU

## 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

## Response Time

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

## Color Support

1.07 Billion

## 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

## Curvature

None

## Anti-glare

Yes

## Video Connector

3x HDMI 2.0 , 1x DP 1.4, 1x DP 1.4 Out, 1xUSB-C 3.2 Gen 2 (DP 1.4 Alt Mode)

## USB Port

4x USB 3.2 Gen 1 (1x BC 1.2)

## Camera

None

## Microphone

None

## Speakers

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 mm

## Dimensions with Stand (HxWxD)

593.8x613.1x234.1 mm / 23.38x24.14x9.22 inches

## Weight (Including Stand)

10.8 kg / 23.81 lbs.

## Cables Included

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

## Environmental Certification

RoHS

## Ergonomic Certification

TÜV Rheinland Low Blue Light

## Base Warranty

3-year

## Operating System Support

Support Windows 7, Windows 10

## Sync Technology

None

## Tiny Support / CPU / Platform

Tiny Support, Nano Support / None / None

## Ethernet / Bluetooth / Wireless

None / None / None

## Touch Screen / Digitizer Pen / Battery

None / None / None

## Display Ram / Storage / Card Slot

None / None / None

## EAN / UPC / JAN

0195235918494 / 195235918494 / None

## Announce Date

2021-02-23

[WWW.LENOVO.COM](http://WWW.LENOVO.COM)

Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors.

Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

Visit psref website for the latest version of Product specifications Reference.

© Lenovo, 2022. All rights reserved.



Lenovo™

## 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

