

# 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

