# ThinkVision Creator Extreme 62A6RAT3EU

Product

ThinkVision Creator Extreme

Machine Type 62A6

**Region** EMEA

Display Size

*View Area* 596.74×335.66 mm

Panel In-Plane Switching

Aspect Ratio 16:9

**Resolution** 3840x2160

*Pixel Pitch* 0.1554×0.1554 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

**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 Windows 7, Windows 10

Sync Technology None

CPU / Platform 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** 0195235918494

**Announce Date** 2021-02-23

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# PSREF

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# ThinkVision Creator Extreme

# 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

Colour 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

**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.  $\Delta E < 1$ )

PIP/PBP Yes

**KVM Switch** Yes

Software Lenovo ThinkColor<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



**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) ( $D \times H \times W$ )(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

HDR Compliance

Dolby Vision<sup>®</sup> Approved DisplayHDR<sup>™</sup> 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>

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: 4XF0N03161)

#### ThinkCentre M Series Nano support

Yes, by Tiny/Nano monitor clamp II (PN: 4XH0Z42451) & Tiny VESA mount II (PN: 4XF0N03161)

#### Kensington Lock Slot

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>3</sup> For USB Type-C input only

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