

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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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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