ThinkVision Creator Extreme 62A6RAT3IT

Product

ThinkVision Creator Extreme

Machine Type 62A6

Region EMEA

Display Size 27"

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

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 0195235918524

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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/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

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 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



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) 2341 x 458 8 x 6131 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

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

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



¹Listed 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
⁴ USB Type-C* and USB-C* are registered trademarks of USB Implementers Forum.

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