ComX Computers
Product Specification Sheet

ASUS PA32UCDM

Asus ProArt Display OLED PA32UCDM 31.5" 4K UHD (3840x2160) QD-OLED Professional Monitor, Type-C, HDMI

Product Overview

Asus ProArt Display OLED PA32UCDM 31.5" 4K UHD (3840x2160) QD-OLED Professional Monitor, 16:9 Aspect Ratio, 178 degree viewing angle, 250nits brightness, 0.1ms (GTG) response time, 240Hz Refresh Rate (Max), HDR10, HLG, Dolby Vision, 3W x2 Speaker, 2x Thunderbolt 4 (Daisy chain), 1x HDMI (V2.1), 1x USB 3.2 Gen 2 Type-A, 1x USB 3.2 Gen 2 Type-C, 96W USB-C Power Delivery, Tilt, Pivot, 0~130mm height adjustment, Ambient Light Sensor, Proximity Sensor, 100x100mm VESA Wall Mounting











Specifications

About this product

The ASUS ProArt Display OLED PA32UCDM is a professional 31.5-inch 4K UHD monitor designed for content creators, video editors, and designers. It delivers ultra-clear images, True 10-bit color depth, and precise Delta E

Featuring ergonomic adjustments, dual Thunderbolt 4 ports, HDMI 2.1, and USB-C connectivity, this monitor integrates seamlessly into professional setups. Shop now from our online store to enjoy smooth 240Hz refresh rate, 0.1ms response time, and adaptive, user-friendly monitor experience.

Overview Summary:

Experience the ultimate visual precision with the ASUS ProArt Display OLED PA32UCDM. This 31.5-inch 4K UHD monitor delivers ultra-clear images with True 10-bit color depth, 99% DCI-P3 coverage, and Delta E

Designed for seamless workflow, the PA32UCDM offers dual Thunderbolt 4 ports, HDMI 2.1, USB-C connectivity, and ergonomic adjustments like tilt, pivot, and height control. Buy now to enhance your creative projects with professional-grade color fidelity and an adaptive, user-friendly monitor experience.

Performance tier: Professional

Uses: Video editing, graphic design, photo editing, content creation, film production, color grading, VFX development

Overview:

ASUS ProArt Display OLED PA32UCDM - Professional 31.5-Inch 4K HDR Monitor
The ASUS ProArt Display OLED PA32UCDM is a high-performance professional monitor built for content creators, designers, and video editors. Featuring a 31.5-inch 4K UHD QD-OLED panel, it delivers accurate colors, ultra-smooth visuals, and advanced HDR support. With a 240Hz refresh rate, 0.1ms response time, and multiple HDR formats, this monitor ensures precise and vibrant imagery for creative professionals. Its ergonomic design, versatile connectivity, and eco-friendly construction make it an ideal centerpiece for any studio setup.

Description:

The PA32UCDM offers True 10-bit color depth, 99% DCI-P3 coverage, and Delta E

Features:

Immersive Visual Performance

- 31.5-inch 4K UHD QD-OLED panel for sharp and detailed imagery
- 240Hz refresh rate and 0.1ms response time for smooth motion rendering
- Peak brightness up to 1000 nits with VESA DisplayHDR True Black 400 for exceptional contrast
- True 10-bit color depth delivering smooth gradations
- 99% DCI-P3 and 100% sRGB color gamut for vibrant, professional-quality colors
- Delta E

Advanced HDR Support for Creators

The PA32UCDM is designed to handle demanding HDR workflows:

- Supports Dolby Vision, HLG, and HDR10 for cinematic-quality content
- Multiple HDR PQ curves (PQ Hard Clip, PQ Optimized, PQ Basic) adapt to different workflows
- HDR Preview provides accurate tonal range from camera to monitor
- Ideal for video editors, filmmakers, and content creators who need detailed HDR monitoring

Professional Calibration and Color Management

- Factory-calibrated for industry-leading color accuracy
- ASUS ProArt Hardware Calibration saves profiles directly to the monitor's internal scaler
- ProArt Color Center allows centralized management of multiple monitors
- Seamless integration with third-party software like Calman and Light Illusion ColourSpace CMS

OLED Care and Display Protection

- Panel protection includes Pixel Shift, Screen Saver, ISP, and Off Sensing
- Image protection dynamically reduces brightness around static logos or UI elements
- Proximity sensor automatically dims the display when no user is detected
- Uniform Brightness function maintains consistent brightness across windows with varying contrast levels

Design and Ergonomics

- Sleek 8mm ultra-slim design with minimalist metal chassis
- Adjustable stand with tilt, pivot, and 0-130mm height range
- Ambient light sensor adjusts brightness and color temperature automatically
- Quick-release VESA 100 x 100 mm wall-mountable design
- Joystick control for intuitive on-screen navigation

Connectivity for Modern Workflows

- Dual Thunderbolt 4 ports with up to 96W Power Delivery
- HDMI 2.1 supporting 4K at 240Hz
- Built-in USB 3.2 hub with Type-A and Type-C ports
- Daisy-chaining capability for multiple displays without additional hubs

Smart Features for Workflow Efficiency:

- ASUS DisplayWidget Center allows control of monitor settings via mouse
- Customizable hotkeys, multi-screen management, and app-specific tweaks
- Automatic notifications and a flexible UI for streamlined workflow

Ideal Users

- Filmmakers and video editors benefit from ultra-high-resolution, wide-gamut HDR visuals
- Colorists rely on factory calibration and Delta E
- Game developers enjoy smooth 240Hz rendering for design and quality checks

- 3D and VFX artists see fluid motion and detailed visuals for complex projects
- Designers and photographers maintain accurate color from capture to final output

Key Highlights

- 4K HDR 31.5-inch QD-OLED panel
- 240Hz refresh rate, 0.1ms response time
- 99% DCI-P3 and 100% sRGB color coverage
- Delta E
- True 10-bit color depth
- Dolby Vision, HDR10, HLG support
- ProArt Hardware Calibration
- Dual Thunderbolt 4, HDMI 2.1, USB hub
- Ergonomic, adjustable stand

Specifications:

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Specifications	
Product Code	ASUS PA32UCDM
Model	ProArt Display OLED PA32UCDM

Display	Panel Size (inch) : 31.5
	Pixels Per Inch (PPI) : 140
	Aspect Ratio : 16:9
	Display Viewing Area (H x V) : 699.48 x 394.73 mm
	Display Surface : Anti-Reflection
	Panel Type : QD-OLED
	Viewing Angle (CR>=10, H/V) : 178degrees/ 178degrees
	Pixel Pitch : 0.182mm
	Resolution : 3840x2160
	Color Space (sRGB) : 100%
	Color Space (DCI-P3) : 99%
	Brightness (HDR, Peak) : 1,000 cd/²
	Brightness (Typ.) : 250cd/²
	Contrast Ratio (HDR, Max) : 1,500,000:1
	Contrast Ratio (Typ.) : 1,500,000:1
	Display Colors : 1073.7M (10 bit)
	Response Time : 0.1ms(GTG)
	Refresh Rate (Max) : 240Hz
	HDR (High Dynamic Range) Support : HDR10
	HDR (High Dynamic Range) Support : HLG
	HDR (High Dynamic Range) Support : Dolby Vision
	Flicker-free : Yes
	ASUS OLED Care : Yes

Features	ProArt Preset : Native
	ProArt Preset : sRGB
	ProArt Preset : Adobe RGB
	ProArt Preset : DCI-P3
	ProArt Preset : BT.2020
	ProArt Preset : DICOM
	ProArt Preset : Rec.709
	ProArt Preset : HDR_PQ DCI
	ProArt Preset : HDR_PQ BT.2020
	ProArt Preset : HDR_HLG BT.2100
	ProArt Preset : HDR_HLG DCI
	ProArt Preset : Dolby Vision
	ProArt Preset : User mode1
	ProArt Preset : User mode2
	ProArt Preset : User mode3
	Color Temp. Selection : Yes (5 modes)
	Color Adjustment : RGB Tuning (Gain / Offset)
	Gamma Adjustment : Yes (Support Gamma 1.8/2.0/2.2/2.4/2.6)
	Color Accuracy : ?E< 1
	ASUS ProArt Hardware Calibration : Yes
	ProArt Palette : Yes
	QuickFit Plus : Yes
	PIP / PBP Technology : Yes
	HDCP : Yes, 2.3
	VRR Technology : Yes (Adaptive-Sync)
	HDR Preview : Yes
	DisplayWidget : Yes, DisplayWidget Center
	Low Blue Light : Yes
	Multiple HDR Mode : Yes
Audio	Speaker : Yes(3Wx2)
I/O Ports	Thunderbolt 4 x 2 (Daisy Chain)
	HDMI(v2.1) x 1
	USB Hub : 1x USB 3.2 Gen 2 Type-A
	USB Hub : 1x USB 3.2 Gen 2 Type-C
	USB-C Power Delivery : 96W
Signal Frequency	Digital Signal Frequency : HDMI: 15~583 KHz (H) / 48~240 Hz (V)
	Thunderbolt USB-C: 15~583 KHz (H) / 48~240 Hz (V)

Power Consumption	Power Consumption :
	Power Saving Mode :
	Power Off Mode :
	Voltage : 100-240V, 50/60Hz
Mechanical Design	Tilt : Yes (+20degrees ~ -5degrees)
	Pivot : Yes (+90degrees ~ -90degrees)
	Height Adjustment : 0~130mm
	Ambient Light Sensor : Yes
	Proximity Sensor : Yes
	VESA Wall Mounting : 100x100mm
	Kensington Lock : Yes
Dimensions (Esti.)	Phys. Dimension (W x H x D) : 71.73 x 60.25 x 22.80 cm (28.24" x 23.72" x 8.98")
	Phys. Dimension without Stand (W x H x D) : 71.73 x 42.23 x 4.24 cm (28.24" x 16.63" x 1.67")
	Box Dimension (W x H x D) : 82.0 x 57.7 x 28.2 cm (32.28" x 22.72" x 11.10")
Weight (Esti.)	Net Weight : 9.0 kg (19.84 lbs)
	Net Weight without Stand : 6.5 kg (14.33 lbs)
	Gross Weight : 16.6 kg (36.60 lbs)
Accessories (vary by regions)	Color pre-calibration report
	HDMI Ultra High Speed Cable
	Power cord
	Quick release stand
	Quick start guide
	Thunderbolt 4 Cable
	USB-C to A cable
	Warranty Card
	Welcome Card
Certificate	Energy Star
	TÜV Flicker-free
	TÜV Low Blue Light
	VESA DisplayHDR 400 True Black
	Calman Ready
	FSC MIX
	Mac Compliance

FAQ

Can I use the ASUS PA32UCDM for professional video editing in South Africa?

Yes, the PA32UCDM is designed for professional content creation with True 10-bit color depth, 99% DCI-P3 coverage, and

Delta E

Does this monitor support HDR formats?

Yes, it supports Dolby Vision, HDR10, and HLG, providing cinematic-quality HDR visuals suitable for filmmakers and video editors.

What connectivity options does the PA32UCDM offer?

It includes 2 x Thunderbolt 4 ports, 1 x HDMI 2.1, 1 x USB 3.2 Gen 2 Type-A, and 1 x USB 3.2 Gen 2 Type-C, with 96W USB-C Power Delivery for device charging.

Can I adjust the monitor ergonomically?

Yes, the monitor features tilt, pivot, and height adjustments (0-130mm), along with ambient light and proximity sensors for adaptive comfort.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/ASUS-PA32UCDM-Asus-ProArt-Display-OLED-PA32UCDM-31-5-4K-UHD-3840x2160-QD-OLED-Professional-p-330010.php

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