ComX Computers
Product Specification Sheet

PA27UCDMR

Asus ProArt PA27UCDMR 26.5" 4K UHD 3840x2160 QD-OLED 240Hz Professional Monitor, Type-C, DP, HDMI

Product Overview

Asus ProArt PA27UCDMR 26.5" 4K UHD 3840x2160 QD-OLED 240Hz Professional Monitor, 240Hz Maximum Refresh Rate with Adaptive-Sync support, Factory calibrated Colour accuracy, 99% DCI-P3 and 100% sRGB Colour Gamut coverage, 10-bit panel displaying over 1.07 Billion colours, 1000 nits Peak brightness with VESA DisplayHDR True Black 400 certification, 2x Thunderbolt 4 Ports supporting daisy-chaining and 96W Power Delivery, HDMI 2.1 and DisplayPort 1.4 DSC Video inputs included, Built-In USB 3.2 Gen 2 Hub with Type-A and Type-C Ports, Ergonomic stand, Tilt, Pivot, 130mm height adjustment, Ambient Light Sensor and proximity Sensor for Intelligent adjustments, Supports HDR10, VESA 100x100mm Wall Mounting compatible, 16:9 Aspect Ratio, 178 degree viewing angle, 3W x2 Speaker











Specifications

Overview Summary:

Upgrade your professional workflow with the ASUS ProArt Display PA27UCDMR, a premium 26.5-inch QD-OLED monitor designed specifically for serious South African content creators who demand absolute colour precision and performance.

This factory-calibrated display delivers stunning visuals with 4K UHD resolution, an incredible 240Hz refresh rate, and VESA DisplayHDR True Black certification, ensuring your graphics, video edits, and photography look exactly as intended. With dual Thunderbolt 4 ports providing 96W power delivery, it serves as a powerful hub for your entire studio setup.

Secure the best visual experience for your creative projects today by buying this high-performance monitor now.

Performance tier: Professional

Uses: Video editing, photo retouching, graphic design, 3D rendering, color grading

Overview:

ASUS ProArt Display PA27UCDMR Review
The ASUS ProArt Display PA27UCDMR is a powerhouse designed specifically for professional content creators who demand absolute precision in their visual output. This 26.5-inch QD-OLED monitor combines the deep blacks and vibrant colors of OLED technology with an impressive 240Hz refresh rate, making it suitable for everything from high-end video editing to fast-paced gaming. Factory calibrated to ensure a color accuracy delta E less than 1, this display guarantees that your work looks exactly as intended straight out of the box, covering 99% of the DCI-P3 gamut and 100% sRGB.

Description:

The ASUS ProArt Display PA27UCDMR (Part Number: PA27UCDMR) is a premium professional monitor featuring a stunning 26.5-inch QD-OLED panel with 4K UHD resolution and a rapid 240Hz refresh rate. It offers exceptional color fidelity with factory calibration ensuring delta E less than 1, peak brightness of 1000 nits, and VESA DisplayHDR True Black 400 certification for superior contrast. The monitor includes dual Thunderbolt 4 ports with 96W power delivery for seamless connectivity, an ergonomic stand with full adjustability, and built-in ASUS OLED Care technology to prevent burn-in, making it the ideal choice for colorists, video editors, and creative professionals seeking a reliable studio-grade display.

Features:

Studio-Grade Colour Accuracy

Tired of spending hours calibrating your new display before starting work The PA27UCDMR arrives ready to perform with ASUS ProArt Hardware Calibration technology. Every unit ships with its own color pre-calibration report, providing verified proof of accuracy from day one. The true 10-bit QD-OLED panel renders over 1.07 billion colors with smooth gradations and natural transitions between hues. With a peak brightness of 1000 nits and a contrast ratio of 1,500,000:1, the monitor delivers deep blacks and bright whites with equal conviction. ASUS OLED Care features actively protect the panel from burn-in through pixel shifting, screen savers, and proximity sensing.

Fluid Visuals for Fast Workflows
A 240Hz refresh rate paired with a 0.1ms GTG response time ensures this monitor handles fast-moving visuals effortlessly. Adaptive-Sync variable refresh rate technology eliminates screen tearing and judder, keeping motion smooth regardless of the output frame rate. The display supports multiple HDR formats including HDR10, HLG, and Dolby Vision via a firmware update scheduled for 2026/Q2 . ASUS Smart HDR technology and various PQ curve options give editors precise control over how content is tone-mapped to the screen.

A Connectivity Hub for Your Studio
The PA27UCDMR consolidates your entire desktop through a single, elegant connection point. Dual Thunderbolt 4 ports support daisy-chaining multiple displays and deliver up to 96W of Power Delivery, keeping connected laptops charged while you work. Additional connectivity includes a DisplayPort 1.4 DSC input and an HDMI 2.1 port for various creative workstations. A built-in USB 3.2 Gen 2 hub adds Type-A and Type-C ports for peripherals and storage. The ergonomic stand offers tilt, pivot, and height adjustment, while the ambient light sensor intelligently adjusts brightness based on your environment.

Key Features:

- 26.5-inch 4K UHD (3840x2160) QD-OLED panel with outstanding color saturation and true blacks
- Factory calibrated to delta E less than 1 with ASUS ProArt Hardware Calibration technology
- 99% DCI-P3 and 100% sRGB coverage for cinema, broadcast, and digital production pipelines
- 1000 nits peak brightness and VESA DisplayHDR True Black 400 certification
- 240Hz refresh rate and 0.1ms GTG response time with Adaptive-Sync
- Dual Thunderbolt 4 ports with 96W Power Delivery and daisy-chain support
- Built-in USB 3.2 Gen 2 hub, 3W x 2 speakers, and ASUS OLED Care protection
- Ergonomic stand with tilt, pivot, and 130mm height adjustment

Technical Specifications:

- Screen Size: 26.5 inches
- Resolution: 3840x2160 (4K UHD)
- Panel Type: QD-OLED
- Refresh Rate: 240Hz
- Response Time: 0.1ms
- Brightness: 1000 nits (HDR peak), 250 nits (Typical)
- HDR Support: Dolby Vision, HLG, HDR10, VESA DisplayHDR True Black 400
- Video Inputs: Thunderbolt 4 x2, DisplayPort 1.4 DSC x1, HDMI 2.1 x1
- USB-C Power Delivery: 96W
- VESA Mount: 100x100mm

What's in the Box

- ASUS ProArt Display PA27UCDMR - Silver x1
- Quick release stand x1
- Power cord x1
- Thunderbolt 4 cable x1
- USB-C cable x1

- DisplayPort cable x1
- Colour pre-calibration report x1
- Quick start guide x1

Specifications:

Model	ProArt Display OLED PA27UCDMR
Display	
Panel Size (inch)	26.5
Pixels Per Inch (PPI)	166
Aspect Ratio	16:9
Display Viewing Area (H x V)	589.97 x 332.93 mm
Display Surface	Anti-Reflection
Panel Type	QD-OLED
Viewing Angle (CR>=10, H/V)	178degrees/ 178degrees
Pixel Pitch	0.155mm
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	Dolby Vision
HDR10	
Flicker-free	Yes
ASUS OLED Care	Yes, Screen Saver
Features	

ProArt Preset	CAL 3
	CAL 2
	CAL 1
	Dolby Vision
	HDR_HLG DCI
	HDR_HLG_BT.2020
	HDR_PQ_BT.2020
	HDR_PQ DCI
	DICOM
	BT.2020
	DCI-P3
	Adobe RGB
	BT.709
	sRGB
	Native
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)
Auto Rotation	Yes, supported by DisplayWidget Center
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
ASUS Power Sync	Yes
Audio	
Speaker	Yes(3Wx2)
I/O Ports	

I/O Ports	Thunderbolt 4 x 2 (Daisy Chain)
	DisplayPort 1.4 DSC x 1
	HDMI(v2.1) x 1 (FRL)
	USB Hub 1x USB 3.2 Gen 2 Type-C
	1x USB 3.2 Gen 2 Type-A
	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	0W (hard switch)
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.)(vary by regions)	
Phys. Dimension (W x H x D)	60.8 x 57.1 x 22.8 cm (23.94" x 22.48" x 8.98")
Phys. Dimension without Stand (W x H x D)	60.8 x 35.4 x 4.7 cm (23.94" x 13.94" x 1.85")
Box Dimension (W x H x D)	69.0 x 55.0 x 27.5 cm (27.17" x 21.65" x 10.83")
Weight (Esti.)(vary by regions)	
Net Weight	7.2 kg (15.87 lbs)
Net Weight without Stand	4.7 kg (10.36 lbs)
Gross Weight	13.8 kg (30.42 lbs)
Accessories (vary by regions)	

Accessories (vary by regions)	Warranty Card
	USB-C cable
	Thunderbolt 4 Cable
	Quick start guide
	Quick release stand
	Power cord
	DisplayPort cable
	Color pre-calibration report
Certificate	
Certificate	Mac Compliance
	FSC MIX
	Calman Ready
	VESA DisplayHDR 400 True Black
	TÜV Low Blue Light
	TÜV Flicker-free
	TCO Certified
	EPEAT Gold
	Energy Star
	3 years (including panel burn-in)

FAQ

Does this monitor support Apple laptops and Mac users?
The ASUS ProArt Display PA27UCDMR features Dual Thunderbolt 4 ports with 96W Power Delivery, making it ideal for MacBook Pro or Air setups as a single-cable solution that also charges the laptop. It is Mac Compliance certified for seamless integration.

Is this monitor suitable for professional colour grading and video editing?
Yes, the PA27UCDMR is factory calibrated with Delta E

How does the monitor protect against screen burn-in?
The display includes ASUS OLED Care features that actively safeguard the panel. These include pixel shifting, screen savers, and proximity sensing to prevent static images from causing permanent damage over time.

Can I connect multiple devices or daisy-chain displays with this monitor?
Absolutely. The dual Thunderbolt 4 ports support daisy-chaining of multiple displays through a single connection point. Additionally, it includes HDMI 2.1 and DisplayPort 1.4 DSC inputs for connecting various workstations.

Does the stand allow for ergonomic adjustments like rotation?
The included ergonomic stand offers tilt (+20degrees to -5degrees), height adjustment (up to 130mm), and pivot capabilities that rotate the screen from landscape to portrait orientation. It also supports VESA 100x100mm wall mounting if preferred.

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/PA27UCDMR-Asus-ProArt-PA27UCDMR-26-5-4K-UHD-3840x2160-QD-OLED-240Hz-Professional-p-341737.php

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