

ASUS ProArt OLED PA32DC computer monitor 80 cm (31.5") 3840 x 2160 pixels 4K Ultra HD Black

Gamintojas: **ASUS** · Modelis: **90LM06N0-B01I70** · EAN: **4711081560883** · Prekės kodas: **721564**



4 653,90 €

Kaina su PVM

Be PVM: **3 846,20 €**

Sandėlyje



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ 31.5-inch 4K (3840 x 2160) HDR OLED panel with RGB stripes and 99% DCI-P3 color gamut
- ✓ Built-in colorimeter and ASUS Auto Calibration complement ASUS ProArt Calibration software as well as Calman and Light Illusion ColourSpace CMS professional hardware calibration software
- ✓ True 10-bit color depth and 1,000,000:1 contrast ratio provide the deepest blacks and accurate highlights
- ✓ Supports multiple HDR formats, including HDR10 and HLG
- ✓ Includes two versatile stand options to suit any scenario or setup, along with an elegant metal handle for portability
- ✓ Monitor hood helps reduce reflections, and bundled clips allow for easy cable management



Aprašymas

World's first OLED monitor with auto calibration*

ProArt Display OLED PA32DC is the world's first OLED monitor with automatic calibration. It also features a built-in motorized flip colorimeter to ensure professional-grade color accuracy. This 31.5-inch 4K HDR monitor offers a cutting-edge OLED panel with pure RGB stripes and 99% DCI-P3 coverage to deliver highly accurate colors that bring out the finest details in your creations. Multiple HDR format support provides creators with the ideal platform for working with fast-moving HDR content. For comfort and convenience, PA32DC includes two stands to cater to any viewing position or work setup.

Filmmakers & Video Editors

An ultra-high-resolution monitor with wide-color-gamut performance is a must-have tool for 4K HDR video production. The adjustable stand and portable design of PA32DC also makes it perfect for on-set shoots, where it can be easily moved to an ideal location or positioned to avoid color shift caused by ambient lighting.

Designers & Photographers

PA32DC provides truly precise color reproduction to bring out the details in photographs or digital artwork. It delivers ultra-high-quality visuals and ensures that creative details aren't lost on the journey from click to print or production.

Colorists

OLED panels are known for their excellent color reproduction. PA32DC is factory pre-calibrated to ensure industry-leading color fidelity and offers delta E < 1 color difference, plus auto calibration function to ensure outstanding color accuracy.

Premium OLED panel with RGB stripes

PA32DC incorporates OLED technology which achieves ultra-precise control and extreme contrast by making each individual pixel its own light source. PA32DC has a pure RGB Stripe OLED panel with over 24 million of self-illuminating pixels that can be individually activated to reproduce truly lifelike pictures with deep blacks and enhanced color contrast in high-luminance images. These characteristics make PA32DC a natural fit for HDR content mastering.

Ultimate Professional-Grade Color

PA32DC delivers exceptionally detailed and realistic visuals, with a studio-grade 99% DCI-P3 color gamut. This means that the colors reproduced on the display are richer and more vivid, so it's ideal for color-intensive projects but also enhances any kind of content.

Ultra-Accurate Color

Designers, producers and color-solution companies deal with color-critical decisions and communications each day. ProArt displays are factory pre-calibrated to guarantee industry-leading color accuracy. Each monitor undergoes stringent and meticulous testing to ensure smoother color gradation, and each grayscale level is carefully measure and set to comply with the DICOM standard for medical use.

True Black: See the Unseen

PA32DC reproduces black hues perfectly. Since each OLED pixel uses self-generated illumination, it simply turns off to display the deepest possible black shade for extremely crisp and clear images, even in the darkest scenes.

Fast Response Time

A 0.1 ms response time ensures superfast, blur-free video or animated content.

Built-In Motorized Colorimeter

To maintain professional-level accuracy over the long term, a built-in motorized flip colorimeter moves into place when required, even with the display hood is mounted. This feature makes it easy to calibrate the display, as needed.

Auto Calibration

ProArt display OLED PA32DC can be calibrated using built-in motorized colorimeter and the look-up table subsequently rewritten via the ASUS ProArt calibration software that offers color tuning accuracy and uniformity compensation. It writes and saves color parameter profiles on the ProArt display's internal scaler IC chip, instead of on the PC, allowing users to connect it to devices with different operating systems or applications without needing to adjust settings. The saved profiles can be easily activated via the hotkey on the monitor.

Seamless Calibration

In addition to having a built-in colorimeter, ProArt displays are compatible with most major calibrators, including those from X-Rite, Datacolor and Klein. They also work seamlessly with Calman and Light Illusion ColourSpace CMS professional hardware calibration software.

Enjoy true-to-life color

PA32DC exceeds industry color reproduction standards with its 99% DCI-P3 color gamut, and it features true 10-bit color depth to display more than

1.07 billion colors. VESA DisplayHDR 400 True Black certification and a 1,000,000:1 contrast ratio ensure the deepest blacks and brightest whites, enabling PA32DC to accurately display the most minute details in shadows and bright highlights for incredibly realistic visuals.

Class-Leading Color Fidelity

Each ProArt display is factory pre-calibrated using a new, three-scale process to guarantee industry-leading color fidelity. The display then undergoes stringent testing using ASUS advanced grayscale tracking technology to ensure smoother color gradations, better uniformity and high color accuracy with a Delta E < 1 color difference value. Each grayscale level is also carefully measured and set to ensure compliance with the precise DICOM standard for medical use.

Uniform Brightness Setting

OLED displays feature an Auto Brightness Limiter (ABL) to maximize power use. When displaying a white (or bright) image in a particular window, the display automatically dims the image as the window size increases.

The optional Uniform Brightness function in the OSD menu is particularly useful when switching between, or changing the size of windows with vastly different contrast levels as it keeps brightness levels consistent with up to 250 nits for comfortable viewing and more accurate colors, even after hours of use.

ASUS Smart HDR Technology

Exclusive ASUS Smart HDR technology enables ProArt Display OLED PA32DC to support multiple HDR formats, including HLG and HDR10.

HLG allows users to view and create material for broadcast and satellite TV platforms such as BBC iPlayer, Japan NHK TV, and DirecTV.

HDR10 support ensures compatibility with existing streaming video services and a growing list of HDR-enabled games.

Multiple PQ Curves

ASUS ProArt Displays support multiple HDR10 curves, including PQ Hard Clip, PQ Optimized and PQ Basic, which can cover all content creation needs.

PQ Hard Clip

Preserves PQ curve till displaying maximum luminance with accuracy. Any luminance higher than display maximum will be mapped to display maximum.

PQ Optimized

Reproduce accurate gradations corresponding to maximum brightness of the monitor. Deliver the optimized HDR performance of this display.

PQ Basic

Present general HDR performance.

HDR Preview

HDR Preview enables a direct camera-to-monitor connection to view captured HDR content with its full tonal range. It also works within most video editing software platforms, providing accurate simulations of the final output for an easier, more streamlined editing experience.

Streamlined, Efficient Workflows

Connect to your workflow

PA32DC offers a full-function USB-C, DisplayPort 1.4 and three HDMI (V2.0) for compatibility with current and future displays and peripherals. It also features an earphone jack and can function as a USB hub.

Versatile Stand

Two versatile stand options make it easy to deploy PA32DC in any scenario, allowing users to find the optimal working or viewing position when working on-location.

Better Management

Bundled clips make it easy to manage cables to keep desks and work areas tidy, while the sturdy and elegant metal handle makes it easy to carry PA32DC to anywhere it’s needed.

Detachable Monitor Hood

A wraparound hood reduces on-screen reflections from nearby light sources, enabling users to work with confidence when inside the studio or on location. The auto calibration also works when the monitor hood is mounted.

Ergonomic Design

The bundled ergonomic stand offers tilt, swivel, pivot, and height adjustments. Being able to pivot the screen 90° clockwise or anticlockwise to portrait orientation comes in handy when working with long documents, coding or browsing websites.

Techninė specifikacija

Specifications	
Sandėlio grupė	Monitors [+653][-245]
Display	
Display diagonal	80 cm (31.5")
Display resolution	3840 x 2160 pixels
Native aspect ratio	16:9
Display technology	OLED
Touchscreen	No
HD type	4K Ultra HD
Panel type	OLED
Response time	0.1 ms
Screen shape	Flat
Contrast ratio (typical)	1000000:1
Maximum refresh rate	60 Hz
Display number of colours	1.073 billion colours
Display brightness (peak)	500 cd/m²
Display brightness (typical)	250 cd/m²
Display surface	Matt
Anti-glare screen	Yes
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Pixel pitch	0.182 x 0.182 mm
Viewable size, horizontal	69.8 cm
Viewable size, vertical	39.3 cm
Digital horizontal frequency	31 - 135 kHz

Digital vertical frequency	24 - 75 Hz
High Dynamic Range (HDR) supported	Yes
High Dynamic Range (HDR) technology	Dolby Vision, High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)
Colour depth	10 bit
Colour gamut standard	DCI-P3
Colour gamut	99%
Adobe RGB coverage	99%
Performance	
NVIDIA G-SYNC	No
AMD FreeSync	No
Flicker-free technology	Yes
Low Blue Light technology	Yes
Multimedia	
Built-in speaker(s)	Yes
Built-in camera	No
Number of speakers	2
RMS rated power	6 W
Design	
Market positioning	Graphics design
Product colour	Black
Detachable stand	Yes
Feet colour	Black
Ports & interfaces	
Built-in USB hub	Yes
HDMI	Yes
Headphone out	Yes
USB hub version	3.2 Gen 2 (3.1 Gen 2)
USB upstream port type	USB Type-C
Number of upstream ports	1
Number of USB Type-C upstream ports quantity	1
USB Type-A downstream ports quantity	4
USB Power Delivery (USB PD)	Yes
USB Power Delivery up to	65 W
HDMI ports quantity	3

HDMI version	2
DisplayPorts quantity	1
DisplayPort version	1.4
PC Audio in	Yes
HDCP	Yes
HDCP version	2.2

Ergonomics

VESA mounting	Yes
Cable lock slot	Yes
Height adjustment	Yes
Panel mounting interface	100 x 100 mm
Cable lock slot type	Kensington
Adjustable height (max)	13 cm
Pivot	Yes
Pivot angle	-90 - 90°
Swivelling	Yes
Swivel angle range	-30 - 30°
Tilt adjustment	Yes
Tilt angle range	-5 - 23°

Power

Energy efficiency class (SDR)	G
Energy efficiency class (HDR)	G
Energy consumption (SDR) per 1000 hours	46 kWh
Energy consumption (HDR) per 1000 hours	75 kWh
Power consumption (typical)	38 W
Power consumption (off)	0 W
Power consumption (PowerSave)	0.5 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Energy efficiency scale	A to G

Weight & dimensions

Width (with stand)	735.4 mm
Depth (with stand)	245 mm
Height (with stand)	626.9 mm
Weight (with stand)	12.1 kg

Width (without stand)	735.4 mm
Depth (without stand)	54.4 mm
Height (without stand)	466.9 mm
Weight (without stand)	7.6 kg
Packaging data	
Package width	878 mm
Package depth	298 mm
Package height	616 mm
Package weight	19.9 kg
Package type	Box
Packaging content	
Stand included	Yes
Cables included	AC, DisplayPort, HDMI, USB Type-C, USB Type-C to USB Type-A
Sun hood included	Yes
Quick start guide	Yes
Other features	
Certification	Energy Star TÜV Flicker-free TÜV Low Blue Light VESA DisplayHDR 400 True Black Calman Ready