ASUS ProArt PA32UCG-K computer monitor 81.3 cm (32") 3840 x 2160 pixels 4K Ultra HD LED Black

Model: 90LM03H0-B05370

Manufacturer: ASUS

EAN: 4711081016458

Product Code: 1600368

R92,679

ASUS ProArt Display PA32UCG 4K HDR IPS mini LED professional monitor – 32-inch, 1600 nits, 1152-zone local dimming, 120 Hz variable refresh rate (VRR), FreeSync Premium Pro, Dolby Vision®, HDR10, HLG, Delta E < 1, DCI-P3, hardware calibration, Thunderbolt™ 3, VESA DisplayHDR™ 1400, Calman ready, ColourSpace integration, HDMI 2.1

WORLD’S 1st HDR 1600 Nits & 120 Hz Monitor

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It’s time to experience ASUS ProArt Display PA32UCG – the world’s first HDR 1600 display with up to a 120 Hz Variable Refresh Rate. Its mini-LED backlight provides 1600 nits peak brightness and 1000 nits of sustained brightness without partial patch limitation, and industry-leading Delta E < 1 color difference. In addition, convenient hardware calibration, new HDMI(v2.1) and Thunderbolt™ 3 of rich connectivity options make creative workflows seamless and efficient, perfect for content creators.

Empowering content creators

Game Developers

Take advantage of the 48 to 120 Hz refresh rate to create fast-rendering games and conduct quality checks on a single display.

Cinematographers

The 32-inch mini-LED backlit 4K panel offers higher luminance and deeper black hues for exceptional color contrast and accurate reproduction of HDR content.

Colorists

Factory pre-calibration ensures industry-leading color fidelity, and a wide color gamut and Delta E < 1 color difference ensures outstanding color accuracy.

Impeccably detailed visuals

Mini-LED backlight technology uses smaller LEDs to provide up to three times the number of LEDs, compared to a conventional panel of a similar size. The densely packed mini LEDs enable increased granularity and brightness. Plus, individual backlight control across an astounding 1152 zones ensures higher luminance and deep dark colors to deliver unmatched contrast and accurate reproduction of HDR content.

Deeper blacks, brighter whites

A peak brightness of 1600 nits and industry-leading 1000 nits of full-screen sustained brightness allows for outstanding contrast between the deepest blacks and gleaming whites.

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Excellent color and contrast from any viewing angle

Direct type LED backlight displays have narrow viewing angles, which can make collaboration with clients or colleagues on color-critical work challenging due to inaccurate colors being displayed to viewers seated to the side.ASUS Off-Axis Contrast Optimization (OCO) technology solves this problem with a compensation layer that controls light transmittance around the edges, reducing halo effects by 80%* and providing a 7X* contrast-ratio enhancement for dark parts of the image when viewing the screen from an angle.

Create in ultra-vivid HDR

Exclusive ASUS Smart HDR technology enables ProArt Display PA32UCG to support multiple HDR formats, including Dolby Vision®, HLG and HDR-10.
Dolby Vision transforms the viewing experience with unmatched levels of brightness, contrast and colors.
HLG allows users to view and create material for broadcast and satellite TV platforms such as BBC iPlayer, Japan NHK TV, and DirecTV.
HDR-10 support ensures compatibility with existing streaming video services and a growing list of HDR-enabled games.

Transform viewing experiences

Quantum Dot Technology delivers 98% DCI-P3, 99.5% Adobe RGB, 100% sRGB, 100% Rec. 709 and Rec. 2020 color spaces for video editing and post-production. Its true 10-bit IPS panel with peak brightness of 1600 nits and Quantum Dot technology provides content creators with a vast color spectrum to play with.

Ideal for game developers and video editors

PA32UCG offers up to a 120 Hz variable refresh rate (VRR) with FreeSync Premium Pro, allowing game developers to create fast-rendering games and conduct quality checks on one display.
HDMI(v2.1) with 4K 120 Hz support also makes it ideal for video editors, enabling them to work with high-quality, detailed visuals at supersmooth frame rates.

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Truest color, flexible calibration

Saved color parameter profiles

ASUS ProArt Calibration technology saves all color parameter profiles on the ProArt monitor’s internal scaler IC chip, instead of on the PC. The saved profiles can be easily activated via the hotkey on the monitor.
The monitor can be calibrated and the look-up table subsequently rewritten, allowing users to connect it to devices with different operating systems or applications without needing to adjust settings. Signal distortion between the IC and the LCD optical spectrum is also reduced.

ProArt Calibration 2.0

Integrated ASUS ProArt Calibration 2.0 enables swift and easy adjustments to maintain the color accuracy of ASUS ProArt monitors. It offers SDR and HDR calibration with adjustable brightness, color gamut, color temperature and other parameters to ensure consistent and precise colors.

Seamless calibration

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* for fast, easy calibration.

Streamlined, efficient workflows

Connect to Your Workflow

HDMI(v2.1), DisplayPort 1.4, Thunderbolt™ 3 USB-C and a USB hub enable convenient connections to a desktop, Blu-ray player, control panel or additional display with zero hassle.

Diverse viewing options

Picture-by-Picture (PbP) mode

View two to four different settings simultaneously by placing multiple input sources onscreen side-by-side; and configure each individual window's color settings with sRGB, Adobe RGB, DCI-P3, Rec. 2020, User Mode 1 or User Mode 2.

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Ergonomic Design

An ergonomic stand that offers tilt, swivel, pivot, and height adjustments. The onscreen menu even rotates automatically to display information correctly when the monitor is used in portrait orientation- which is handy when working with websites or longer documents.

Detachable Monitor Hood

A detachable hood efficiently blocks out ambient light and reflections, allowing for more accurate and realistic colors onscreen.

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