

PA32KCX

Asus ProArt PA32KCX 32" IPS 8K UHD 7680x4320 Professional Thunderbolt 4 HDR 1000 Monitor, DP, HDMI

Product Overview

Asus ProArt PA32KCX 32" IPS 8K UHD 7680x4320 Professional Thunderbolt 4 HDR 1000 Monitor with USB Type-C 96W, VESA DisplayHDR 1000 Certified with Dolby Vision support, Peak HDR brightness of 1200 CD/m², 95% Adobe RGB and 97% DCI-P3 Colour Gamut coverage, Embedded colorimeter for Built-In self-calibration, 2x Thunderbolt 4 Ports with 96W USB-C Power Delivery, 2x HDMI 2.1, DisplayPort 2.1, Integrated USB Hub with KVM Switch functionality, Height adjustable stand supporting pivot, 16:9 Aspect Ratio, AGLR Display Surface, Mini-LED backlight Type, 3W x2 Speaker, 100x100mm VESA Wall Mounting, Proximity Sensor, Ambient Light Sensor





Specifications

Summary Overview:

Upgrade your creative workflow with the ASUS ProArt PA32KCX, a flagship 32-inch 8K UHD monitor engineered for South African professionals who demand uncompromising colour accuracy and detail. Featuring a Mini-LED IPS panel and VESA DisplayHDR 1000 certification, this display delivers stunning contrast and vibrant colours essential for video editing, photo grading, and high-end design work.

Equipped with dual Thunderbolt 4 ports and 96W USB-C power delivery, it streamlines your setup by connecting to your laptop through a single cable while keeping your device charged. With built-in self-calibration tools and support for Dolby Vision, you can trust that every pixel on screen matches your final output perfectly.

Ready to experience professional-grade visual fidelity? Buy now to secure this premium monitor and elevate your productivity today.

Performance tier:Professional / Reference Grade

Uses:Video editing, colour grading, photo retouching, 3D rendering, graphic design, broadcast production

Overview:

ASUS ProArt PA32KCX Professional Display Overview

The ASUS ProArt PA32KCX redefines professional visualization with its massive 32-inch Mini-LED IPS panel delivering true 8K UHD resolution. Designed for the most demanding creative workflows, this monitor combines extreme detail with industry-leading color accuracy, ensuring that what you see on screen is exactly what your audience will experience in print or production. The part number PA32KCX identifies this specific high-end model equipped with a native resolution of 7680x4320 and an impressive pixel density of 275 PPI.

Description

The ASUS ProArt PA32KCX is a premium workstation monitor engineered for colorists, designers, and video editors who require absolute fidelity. It features a Mini-LED backlight system that enables local dimming for deep blacks and exceptional contrast ratios up to 1,000,000:1 in HDR modes. This display supports VESA DisplayHDR 1000 certification along with Dolby Vision, HLG, and HDR10 standards, allowing for a peak brightness of 1200 cd/m². The unit comes factory calibrated with a color report included to guarantee professional accuracy right out of the box.

Features:

Advanced Connectivity and Workflow Integration

This display serves as a central hub for your workstation, offering seamless connectivity through dual Thunderbolt 4 ports that support daisy-chaining to additional screens. Users can power their compatible laptops with up to 96W via USB-C over a

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single cable, reducing desk clutter significantly. The integrated USB hub includes USB 3.2 Gen 2 Type-C and Type-A ports for peripherals, while the inclusion of HDMI 2.1 (FRL) and DisplayPort 2.1 inputs ensures broad compatibility with modern creative hardware.

Precision Color Management Tools

Maintaining color consistency over time is critical for professional work, which is why this monitor includes an embedded colorimeter to support self-calibration. An ambient light sensor and proximity sensor further enhance the viewing experience by adapting intelligently to your environment. Through ASUS ProArt Hardware Calibration software, users gain granular control over gamma, color temperature, and presets ranging from sRGB and Adobe RGB to DCI-P3 and DICOM.

Key Features

- 32-inch Mini-LED IPS panel with 7680x4320 (8K) resolution for exceptional detail in professional creative work.
- VESA DisplayHDR 1000 certified with Dolby Vision, HLG, and HDR10 support - peak brightness of 1,200 cd/m² and up to 1,000,000:1 HDR contrast ratio.
- 95% Adobe RGB and 97% DCI-P3 colour gamut coverage with factory colour pre-calibration report included.
- Embedded colorimeter enables self-calibration, with ambient light and proximity sensors for intelligent environment adaptation.
- Dual Thunderbolt 4 ports with daisy chain support and 96W USB-C power delivery to charge your laptop through a single cable.
- HDMI 2.1 x2 (FRL) and DisplayPort 2.1 input for broad compatibility with professional workstations.
- Integrated USB hub: USB 3.2 Gen 2 Type-C and Type-A ports for peripherals and KVM switch functionality.
- Fully ergonomic stand with height adjustment (0-100 mm), tilt, swivel, and pivot; VESA 100x100 mm wall-mount compatible.
- Anti-glare, low-reflection display surface and included monitor hood for controlled lighting environments.

Ergonomics and Physical Design

The PA32KCX features a robust stand that allows for height adjustment between 0 and 100mm, along with tilt, swivel, and pivot capabilities to suit any viewing angle. The display surface utilizes an anti-glare low-reflection coating to minimize distractions during long sessions. For users working in controlled lighting environments, the included monitor hood helps block external light sources for a more accurate color assessment.

What's in the box

- ASUS ProArt PA32KCX 32" Display 8K UHD Professional Monitor x1
- Quick release stand x1
- Monitor hood x1
- Thunderbolt 4 Cable x1
- HDMI Ultra High Speed Cable x1
- DisplayPort 2.1 (DP40) cable x1
- USB Type-C to A cable x1
- Power cord x1
- Color pre-calibration report x1
- Certificate x1
- Quick start guide x1
- Welcome Card x1

Technical Specifications Summary

- Screen Size: 32 inches
- Resolution: 7680 x 4320
- Panel Type: Mini-LED IPS
- Refresh Rate: 60Hz
- Brightness: 1000cd/m² typical, 1200cd/m² peak HDR
- HDR Support: Dolby Vision, HLG, HDR10
- Video Inputs: Thunderbolt 4 x2 (Daisy Chain), DisplayPort 2.1 x1, HDMI 2.1 x2 (FRL)

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- USB Type-C Input / PD: 96W
- Built-in Speakers: Yes (3Wx2)
- VESA Mount: 100x100mm
- Product Dimensions: 72.7 x 24.5 x 60.1 cm
- Color Accuracy: Delta E less than 1

The ASUS ProArt PA32KCX remains a top-tier choice for professionals seeking uncompromising visual performance, combining cutting-edge Mini-LED technology with comprehensive connectivity and color management tools.

Specifications:

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Specifications	
Product Code	PA32KCX
Model	ProArt Display PA32KCX
Display	
Panel Size (inch)	32
Pixels Per Inch (PPI)	275
Aspect Ratio	16:9
Display Viewing Area (H x V)	708.48 x 398.52 mm
Display Surface	AGLR (Anti-Glare, Low-Reflection)
Backlight Type	Mini-LED
Panel Type	IPS
Viewing Angle (CR>=10, H/V)	178 degrees/ 178 degrees
Pixel Pitch	0.092mm
Resolution	7680x4320
Color Space (sRGB)	99%
Color Space (Adobe RGB)	95%
Color Space (DCI-P3)	97%
Brightness (HDR, Peak)	1,200 cd/²
Brightness (Typ.)	1000cd/²
Contrast Ratio (HDR, Max)	1,000,000:1
Contrast Ratio (Typ.)	1000:1
Display Colors	1073.7M (10 bit)
Response Time	5ms(GTG)
Refresh Rate (Max)	60Hz
HDR (High Dynamic Range) Support	Dolby Vision
HDR10	

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Flicker-free	Yes
Features	
Trace Free Technology	Yes
ProArt Preset	User mode3
	User mode2
	User mode1
	Dolby Vision
	HDR_HLG DCI
	HDR_HLG_BT.2020
	HDR_PQ_BT.2020
	HDR_PQ DCI
	Rec.709
	DICOM
	BT.2020
	P3
	Adobe RGB
	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)
Color Accuracy	ΔE< 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
KVM Switch	Yes
Audio	
Speaker	Yes(3Wx2)
I/O Ports	

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I/O Ports	Thunderbolt 4 x 2 (Daisy Chain)
	DisplayPort 2.1 x 1
	HDMI(v2.1) x 2 (FRL)
	USB Hub 1x USB 3.2 Gen 2 Type-C
	3x USB 3.2 Gen 2 Type-A
	USB-C Power Delivery 96W
	USB 3.2 (Signal) x 1 USB Type-C (For KVM Switch)
Signal Frequency	
Digital Signal Frequency	15~135 KHz (H) / 48~60 Hz (V)
Power Consumption	
Power Consumption	
Power Saving Mode	
Power Off Mode	0W (hard switch)
Voltage	100-240V, 50/60Hz
Mechanical Design	
Tilt	Yes (+23 degrees ~ -5 degrees)
Swivel	Yes (+30 degrees ~ -30 degrees)
Pivot	Yes (+90 degrees ~ -90 degrees)
Height Adjustment	0~100mm
Embedded Colorimeter	Yes (Support Self-Calibration)
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)	72.7 x 60.1 x 24.5 cm (28.62" x 23.66" x 9.65")
Phys. Dimension without Stand (W x H x D)	72.7 x 44.5 x 9.0 cm (28.62" x 17.52" x 3.54")
Box Dimension (W x H x D)	89.2 x 57.1 x 37.6 cm (35.12" x 22.48" x 14.80")
Weight (Esti.)(vary by regions)	
Net Weight	14.1 kg (31.09 lbs)
Net Weight without Stand	9.2 kg (20.28 lbs)
Gross Weight	21.5 kg (47.40 lbs)
Accessories (vary by regions)	

Accessories (vary by regions)	Welcome Card
	Warranty Card
	USB-C to A cable
	Thunderbolt 4 Cable
	Quick start guide
	Quick release stand
	Power cord
	Monitor hood
	HDMI Ultra High Speed Cable
	DisplayPort 2.1 (DP40) cable
	Color pre-calibration report
Certificate	
Certificate	Mac Compliance
	Calman Ready
	VESA MediaSync Display
	VESA DisplayHDR 1000
	TÜV Low Blue Light
	TÜV Flicker-free
	Energy Star

FAQ

Is the ASUS ProArt PA32KCX suitable for professional color grading and editing?

Yes, this 8K UHD monitor is designed for serious creative professionals, featuring a Mini-LED IPS panel with 95% Adobe RGB and 97% DCI-P3 coverage. It includes an embedded colorimeter for self-calibration and ships with a factory color pre-calibration report to ensure accuracy from the start.

What connectivity options are available for connecting multiple devices?

The display features two Thunderbolt 4 ports that support daisy chaining, along with HDMI 2.1 (FRL) and DisplayPort 2.1 inputs. It also includes an integrated USB hub with Type-C and Type-A ports, allowing you to connect peripherals or use KVM switch functionality without cluttering your desk.

Can this monitor charge my laptop while connected?

Yes, the single USB-C connection provides up to 96W power delivery, which is sufficient to keep most compatible laptops charged through one cable. Additionally, it supports VESA DisplayHDR 1000 and Dolby Vision for high dynamic range content.

Does the monitor include accessories for controlling lighting conditions?

Yes, a monitor hood is included in the box along with an anti-glare low-reflection (AGLR) display surface to help control lighting environments. The unit also features ambient light and proximity sensors that adapt intelligently to your workspace settings.

What are the physical adjustment capabilities of the stand?

The fully ergonomic stand allows for height adjustment between 0-100 mm, as well as tilt, swivel, and pivot functions up to 90 degrees. It is also VESA 100x100mm compatible if you prefer wall mounting or a monitor arm.

What cables are included with the ASUS ProArt PA32KCX?

The package includes a Thunderbolt 4 cable, an HDMI Ultra High Speed cable, a DisplayPort 2.1 (DP40) cable, and a USB Type-C to A cable to ensure you can connect immediately upon unboxing.

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Is the refresh rate suitable for video editing workflows?

With a 60Hz refresh rate and Adaptive-Sync support, this monitor is optimized for professional creative work rather than high-speed gaming. It features a fast 5ms response time to minimize lag during detailed editing tasks.

How does the self-calibration feature work on this display?

The PA32KCX utilizes an embedded colorimeter and ASUS ProArt Hardware Calibration software to maintain color accuracy over time. You can adjust gamma, color temperature, and preset modes for various color spaces like sRGB, DCI-P3, or DICOM directly through the monitor controls.

Does this monitor support 8K resolution natively?

Yes, it features a native 7680x4320 resolution at 275 PPI on a 32-inch panel, delivering extraordinary detail for professional applications requiring high pixel density and precision.

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/PA32KCX-Asus-ProArt-PA32KCX-32-IPS-8K-UHD-7680x4320-Buy-p-341736.php>

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