

# ProArt Display PA32UCX-PK



## Key Features



Low Blue Light & Flicker Free



4 times the resolution of full HD 1080p with HDR for stunning details and image quality



Mini LED

1152 zones with 1200 nits peak brightness and deeper darkness to deliver the best contrast and accurate reproduction of HDR contents



Off-Axis Contrast Optimization

ASUS Off-Axis Contrast Optimization technology reduces the backlight-bleeding rate of the display by 80% and provides a 7X contrast-ratio enhancement for off-axis viewing



Combined with an IPS display, provides brighter imagery and supports the cinema-standard 99% DCI-P3 color gamut



Over a billion onscreen colors to give you smoother gradations and a more natural transition between hues



Factory pre-calibrated with ASUS advanced gray-scale tracking technology to guarantee the  $\Delta E$  color difference value is less than 1



ProArt Calibration Technology

ASUS ProArt™ Calibration Technology to ensure color accuracy during different using scenarios



Dolby Vision™ HDR transforms your entertainment experience with ultravivid imaging that brings entertainment to life.




THUNDERBOLT™

Thunderbolt™ 3 technology along with 40Gbps data transfer speeds, supports 60W power delivery and dual 4K UHD external displays



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## Spec Sheet

<b>Display</b>	<p>Panel Size : 32-inch (81.28cm) Wide Screen (16:9) Display Viewing Area(HxV) : 708.48mm (H) x 398.52 mm (V) Panel Backlight/ Type : Mini LED / IPS True Resolution : 3840 x 2160 Pixel Pitch : 0.1845 mm Display Colors : 1.07b (10 bit) Color Saturation : 89% Rec.2020, 99.5% Adobe RGB, 99% DCI-P3 and 100% sRGB Brightness : Typical: 600 cd/m<sup>2</sup>, Peak: 1200 cd/m<sup>2</sup> Contrast Ratio: 1000:1 (typical), 1000000:1 (HDR) Viewing Angle (CR≥10) : 178° (H)/178° (V) Response Time : 5ms (GTG) Flicker-free : Yes HDR support : Yes, HDR-10, HLG, Dolby Vision Dynamically Local Dimming : 1152 zones Off-axis contrast optimization technology : Yes</p>
<b>Video Feature</b>	<p>Trace Free Technology : Yes ProArt Preset : 13 modes (Standard / sRGB / Adobe RGB / DCI-P3 / Rec. 2020 / DICOM / Rec. 709 / HDR_PQ DCI / HDR_PQ Rec2020 / HLG / Dolby Vision / User mode1 / User mode2) Color Accuracy : <math>\Delta E &lt; 1</math> Gamma Adjustment : Yes (Support Gamma 2.6, 2.4, 2.2, 2.0, and 1.8) Color Adjustment : 6-axis (R, G, B, C, M, Y) Color Temperature Selection : 5 modes QuickFit : Yes (Paper / Alignment Grid / Ruler / Customization Modes) Picture-in-Picture / Picture-by-Picture : Yes (PIP x 2, PBP x 4 with 2 Color Gamut Selection) HDCP support : Yes ASUS Smart HDR Technology : Yes Adaptive-Sync support: Yes, 40-60Hz Motion Sync : Yes HDR Preview : Yes</p>
<b>Audio Feature</b>	<p>3W x 2 stereo, RMS</p>
<b>IO ports</b>	<p>Signal Input : DisplayPort 1.2 x 1 HDMI (v2.0b) x 3 Thunderbolt™ 3 USB-C™ x 2 (in x 1 + out x 1) Thunderbolt™ 3 Power Delivery : 65W</p> <p>Earphone Jack : Yes (3.5mm Mini-jack)</p> <p>USB Hub: 3x USB 3.2 Gen 1 Type-A</p>  <p>The diagram shows a top-down view of the back panel ports. From left to right: a 3.5mm mini-jack for the Earphone Jack; three HDMI (v2.0b) ports; one DisplayPort 1.2 port; two Thunderbolt™ 3 USB-C ports; and three USB-A ports.</p>
<b>Signal Frequency</b>	<p>Digital Signal Frequency : HDMI : 109~142KHz(H)/ 29~65Hz(V) DisplayPort, Thunderbolt™ 3 : 142KHz(H)/ 40~60Hz(V)</p>
<b>Power Consumption</b>	<p>Power On (Typical): &lt; 58.67W Power Saving Mode : &lt; 0.5W ; Power Off Mode : 0W (Hard Switch) 100~240V, 50/60Hz</p>
<b>Mechanical Design</b>	<p>Tilt : +23° ~ -5° Swivel : +60° ~ -60° Ambient Light Sensor : Yes</p> <p>Pivot : 90° (Clockwise &amp; Anticlockwise) Height Adjustment : 0 ~ 130 mm VESA Wall Mounting : 100 x 100 mm</p>
<b>Dimensions</b>	<p>Phys. Dimension with Stand (WxHxD) : 727 x (470 - 600) x 240 mm Phys. Dimension without Stand (WxHxD) : 727 x 426 x 93 mm Box Dimension (WxHxD) : 923 x 386 x 525 mm</p>
<b>Weight</b>	<p>Net Weight (Esti.) : 14 kg (WW), 18.3 kg (EU)*, Without Stand: 9.7 Kg, Gross Weight (Esti.) : 19.1kg WW, 25.2 kg (EU)*</p>
<b>Accessories</b>	<p>Power cord, Thunderbolt™ 3 cable, DisplayPort cable, HDMI cable, USB-C to USB-A cable, USB-C to USB-C cable, Calibration Report, Quick Start Guide, Warranty Card, Monitor Hood, X-rite i1 Display Pro Calibrator</p>
<b>Compliance Standard</b>	<p>UL/cUL, CB, CE, FCC, CCC, BSMI, CU, VCCI, J-MOSS, RoHS, WEEE, PSE, KCC, ICES-3, ErP, CEL, ISO 9241-307, UkrSEPRO, RCM, MEPS, PC Recycle, KC, e-Standby, TÜV Flicker Free, TÜV Low Blue Light, Windows 7, 8.1 and 10 WHQL, Mac Compliance (Mac OS 10.10.x, 10.11.x, 10.12.x), VESA DisplayHDR 1000</p>

\* Measuring a screen brightness of 200 nits without audio / USB / Card reader connection

\* Delta E < 1 is average value under sRGB and Adobe RGB color gamut

\* For IEC 62368-1 Regulation

\* All specifications are subject to change without notice

