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The ColorEdge CG2700X combines absolute precision with the extremely fine 4K UHD resolution of 3840 x 2160 pixels. It ensures a constant image display at the highest level and offers numerous connections including USB-C and LAN. This makes the CG2700X the ultimate universal monitor for creative professionals with the highest demands. Whether used in photography, video post-production or pre-press, the integrated sensor ensures that the monitor image always matches the displayed file. The maximum brightness of the high-resolution 4K display of 500 cd/m², the True Black panel with a contrast of 1450:1 and the pre-installed HDR gamma curves make the monitor the ideal monitor also for the post-production of 4K films. Photographers will also appreciate the extremely high detail resolution of 164 ppi. Thanks to the USB-C port, the CG2700X offers a very convenient connection to mobile high-performance computers. Image and data signals are transmitted with just a single cable - at the same time, the laptop can be charged with up to 94 watts. The integrated USB hub, HDMI and DisplayPort connections as well as the included light protection cover round off the lavish features of the CG2700X.

- ✅ 27-inch wide gamut LCD with 3840 x 2160 pixels (4K UHD)
- ✅ Wide colour gamut with 99% AdobeRGB and 98% DCI-P3 colour space coverage
- ✅ Integrated sensor for fully automatic self-calibration
- ✅ 500 cd/m² maximum brightness, contrast 1450:1 thanks to True Black technology
- ✅ 10-bit display, 16-bit 3D look-up table

- ✅ Digital Uniformity Equalizer for perfect luminance distribution and colour purity
- ✅ HDR targets for HDR-HLG and HDR-PQ-EOTF
- ✅ USB-C (DisplayPort signal and up to 94 Watt Power Delivery), DisplayPort and HDMI inputs
- ✅ RJ-45 LAN port, USB hub with four USB downstream ports, two of which are 5Gbps (USB 3) and two USB 2
- ✅ 5-year warranty for highest investment security

Technical Data

GENERAL

Item no.	CG2700X
Case color	Black
Areas of application	Photography, Video & Graphics
Product line	ColorEdge
Areas of application	Photography, image editing and retouching, Video Editing, Post Production and Colour Grading, Design, creation and illustration, Printing and Fine Art Printing, Textile and fashion industry
Specific system requirements	None, compatible with most computers and operating systems including macOS and Windows
EAN	4995047063643

SCREEN

Screen size [in inches]	27
Screen size [in cm]	68,4
Format	16:9
Viewable image size (width x height) [in mm]	596 x 335
Ideal and recommended resolution	3840 x 2160 (4K UHD)
Pixel pitch [in mm]	0,155 x 0,155
Pixel density [in ppi]	164
Supported resolutions	3840 x 2160 (4K UHD), 2560 x 1440, 1920 x 1200, 1920 x 1080 (Full HD), 1200p (@ 60 Hz), 1080p (@ 60 Hz), 1080i (@ 60 Hz), 1080p (@ 50 Hz), 1080i (@ 50 Hz), 1080p (@ 30/25/24 Hz), 720p (@ 60 Hz), 720p (@ 50 Hz), 576p (@ 50 Hz), 576i (@ 50 Hz), 480p (@ 60 Hz), 480i (@ 60 Hz)
Panel technology	IPS (Wide Gamut)
Max. viewing angle horizontal	178
Max. viewing angle vertical	178
Number of colors or greyscale	1.07 billion colors (USB-C, 10-bit), 1.07 billion colors (HDMI, 10 Bit), 1.07 billion colors (DisplayPort, 10 Bit)
Color palette/look-up table	278 trillion color tones / 16 Bit
Max. color space (typical)	AdobeRGB (>99%), DCI P3 (>98%), ISO Coated V2 (>99%), Rec709 (100%), EBU (100%), SMPTE-C (100%), sRGB (100%)
HDR Gamma	PQ, HLG
Max. brightness (typical) [in cd/m²]	500
Recommended brightness [in cd/m²]	120
Max. dark room contrast (typical)	1450:1
Response time grey-grey alternation (typical) [in ms]	13
Max. refresh rate [in Hz]	60
Backlight	LED

FEATURES & OPERATION

USB-C docking	✔
KVM switch	✔
Hardware calibration of brightness and luminance characteristics	✔
Integrated sensor for self-calibration	✔
Scheduled self calibration	✔
Preset color/greyscale modes	1x manual memory location, BT.2020, BT.709, BT.2100 HLG, AdobeRGB, DCI-P3, DCI-P3 PQ, sRGB, additional memory spaces through calibration, Sync Signal
Temperature color drift correction	✔
Brightness drift correction	✔
Digital Uniformity Equalizer (homogeneity correction)	✔
No flickering	✔
True Black	✔
Safe Area Marker	✔
I/P conversion	✔
Noise suppression (HDMI)	✔
HDCP Decoder	✔
Gamut warning	✔
Luminance warning	✔
Gamut Clipping	✔
Automatic signal input recognition	✔
On-screen menu languages	de, en, fr, es, it, se
Adjustment options	Color Mode, Brightness, Contrast, Color temperature /White point, Gamma, Colour tone, Color saturation, 6 Colors, Color matrix YUV/ RGB, Input Range, Image noise reduction, DCI 4K cropping, Menu Rotation, Custom key, OSD language, Signal input, DUE priority
Button Guide	✔
Integrated power unit	✔

CONNECTIONS

LAN/RJ-45	✔
Signal inputs	HDMI (Deep Color, HDCP 1.4/2.3), USB-C (DisplayPort Alt Mode, HDCP 1.3/2.3), DisplayPort (HDCP 1.3)
USB specification	USB 5Gbps (USB 3)
USB upstream ports	1 x type C (DisplayPort Alt Mode, 94 W max.), 1 x type B
USB downstream ports	4 x Typ A (2 x 5Gbps (USB 3), 2 x USB 2)
Network connection	RJ-45
LAN standards	IEEE802.3ab (1000BASE-T)
Graphic signal	DisplayPort (RGB, YCbCr), HDMI (RGB, YCbCr)

ELECTRICAL DATA

Frequency	USB Type-C, DisplayPort: 26 - 137 kHz / 23 - 61 Hz; HDMI: 15 - 135 kHz / 23 - 61 Hz
Power consumption (typical) [in watts]	34
Maximum Power Consumption [in watts]	225 (at maximum brightness with all signal inputs and USB ports in use)
Max. Power consumption in stand-by mode [in watts]	0.5
Power consumption with power switch off [in watts]	0
Energy efficiency class	G
Energy consumption/1000h [in kWh]	36
Power supply	AC 100-240V, 50/60Hz
Max. USB-C Power Delivery [in Watt]	94

DIMENSIONS & WEIGHT

Dimensions (incl. stand) (width x height x depth) [in mm]	638 x 416-571 x 245
Weight (incl. stand) [in kg]	9.8
Dimension drawing (PDF)	Dimension drawing (PDF)
Rotatability of the stand [in °]	344
Tiltability forwards/backwards [in °]	5 / 35
Pivot between portrait / landscape	clockwise
Height adjustment range [in mm]	155
Hole spacing	100 x 100

CERTIFICATION & STANDARDS

Certification	CE, CB, TÜV/GS, TÜV/Ergonomics (including ISO 9241-307), TÜV/Color Accuracy (Quick Stability), RCM, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RoHS, WEEE, China RoHS, CCC, EAC

SOFTWARE & ACCESSORIES

Accompanying software and other accessories are available for download	ColorNavigator, ColorNavigator Network
Other box contents	Calibration report, Signal cable HDMI - HDMI, USB /signal cable (USB-C - USB-C), USB cable (Type A - Type B), Manual via download, Power cord, Quick guide
Accessories	CP200, PP200-K, EX4
Light protection cover	✔

WARRANTY

Warranty periode	5 years for unit and LCD module up to 30,000 operating hours, whichever comes first.
Included warranty	A brightness of at least 120 cd/sqm at a colour temperature of 5000 K to 6500 K is guaranteed for a period of 5 years or 10,000 operating hours, whichever comes first., Zero pixel defects guarantee; no fully illuminated sub-pixels (sub-pixels ISO 9241-307) for six months from date of purchase.

Experience the CG2700X in AR now!