MOBIUZ

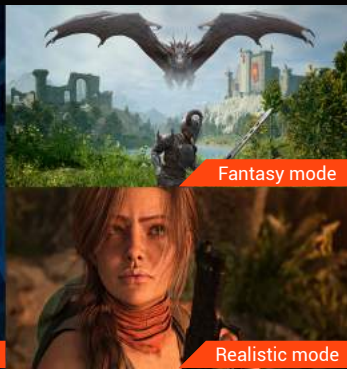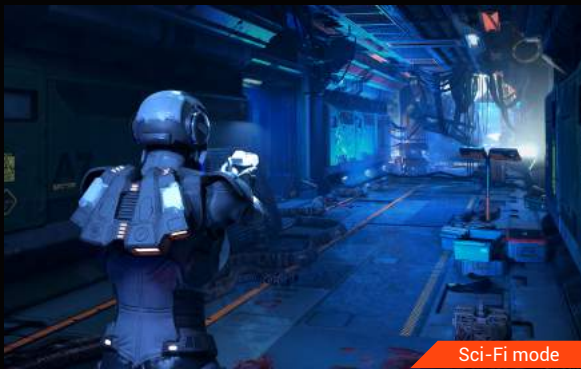## Unveil the Unseen

BenQ MOBIUZ Gaming Monitor EX321UX

BenQ MOBIUZ Gaming Monitors set to revolutionize console gaming with unprecedented levels of in-game detail refinement. EX321UX is equipped with the latest mini LED panel capable of 1,000 nits of peak brightness for DisplayHDR 1000, a hyper-realistic contrast spectrum enabled by 1,152 local dimming zones and 99% P3 and Adobe RGB. It also features the built-in eARC for up to 7.1 channels, DP 2.1, and USB-C with 65W PD.

Fantasy mode

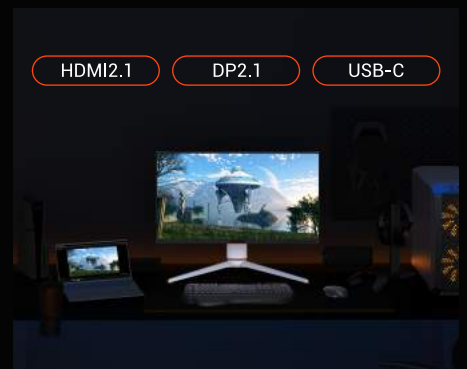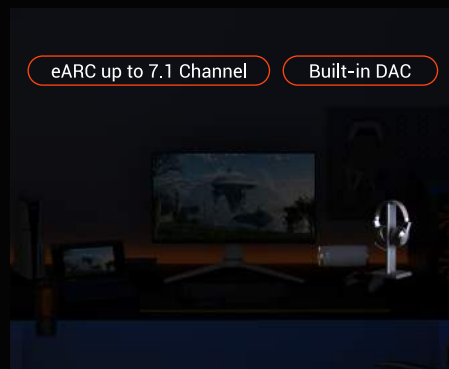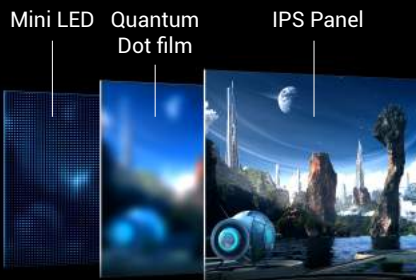Sci-Fi mode

Realistic mode

Venture into the Unknown with Gamer-Experienced Color

BenQ MOBIUZ Gamer-Experienced Color—a revolutionary technology redefining game colors beyond traditional boundaries, turning every scene into a masterpiece of art and emotion. Developed through extensive testing and communication with gamers, Gamer-Experienced Color offers a vibrant world tailored to meet diverse preferences, ensuring each game is showcased in the most aesthetically pleasing palette.

PixSoul Engine : AI Detail Enhancement

Leveraging BenQ's Game Color Database for groundbreaking game-oriented color modes and combining AI calculations for real-time adaptive fine-tuning of brightness and contrast, PixSoul Engine provides the ultimate in gaming visual experiences.

Mini LED   Quantum   IPS Panel
            Dot film

eARC up to 7.1 Channel   Built-in DAC

HDMI2.1   DP2.1   USB-C

Light up Your Path with 1152-zone Mini LED

Spearheading the new MOBIUZ series launch is EX321UX, equipped with the latest mini-LED panel capable of 1,000 nits of peak brightness for Display HDR1000, a hyper-realistic contrast spectrum enabled by 1,152 local dimming zones and 99% coverage of both P3 and Adobe RGB color gamuts.

eARC up to 7.1 Channels Rocks Your World

Address console sound with our first built-in eARC gaming monitors supporting up to 7.1 channels. Additionally, experience exceptional audio quality through the built-in DAC (Digital to Analog Converter), even when using headphones.

Plug-and-play across Platforms with KVM

Experience seamless connectivity with DP 2.1, HDMI 2.1, and USB-C (65W PD) to link your battle stations effortlessly. Shift through the built-in KVM (Keyboard, Video and Mouse) effortlessly among your devices.

BenQ

Because it matters

BenQ MOBIUZ Gaming Monitor EX321UX

Product Color	White

Panel

Screen Size	31.5
Panel Type	IPS
Backlight Technology	Local Dimming
Resolution (max.)	3840 x 2160
Brightness (typ.)	700
Brightness (peak)(HDR)	1000
Native Contrast	1000:1
Viewing Angle (L/R) (CR≥10)	178° / 178°
Response Times (GtG)	1
Refresh Rate (Hz)	144
Aspect Ratio	16:9
Display Colors	1.07 billion colors
Color Gamut	99% Adobe RGB ; 99% P3
Display Area (mm)	698.1 x 392.7
PPI	138
Color Bit	10
Hor. Frequency (KHz)	30~326
Ver. Frequency (Hz)	24~144
Video Bandwidth (MHZ)	1310
Display Screen Coating	Anti-Glare

Video

Color Mode	Sci-fi HDRi / Realistic HDRi / Fantasy HDRi / Cinema HDRi / Display HDR / Sci-fi / Realistic / Fantasy / Display P3 / sRGB / Custom / Gamer 1 / Gamer 2 / Gamer 3
HDR	HDR10 ; VESA DisplayHDR 1000
Color Temperature	Bluish ; Normal ; Reddish ; User Define
Gamma	1.8 - 2.6
HDCP	2.3
AMA	Yes
Low Blue Light	Yes
FreeSync	FreeSync Premium Pro

Audio

eARC	Yes
Headphone Jack	Yes

Connectivity

DisplayPort (v2.1)	1
HDMI (v2.1)	3
USB C(PowerDelivery 65W, DisplayPort Alt Mode, Data)	1
USB C (Downstream)	1
USB 3.2 (Downstream)	3
KVM Switch	Yes

Accessories

Remote Control	Yes
Power Cord (1.8m)	1
HDMI 2.1 Cable (1.8m)	1
USB 3.2 Gen1 USB-A to C *1 (1.8m)	1
USB-C USB3.2 Gen 2 *1 (1m)	1
Calibration Report	1

Ergonomic Design

Tilt (down/up)	-5˚ - 15˚
Swivel (left/right)	15˚/ 15˚
Height Adjustment Stand	100

Power

Voltage Rating	100 - 240V
Power Supply	Adapter
Power Consumption (normal)	80
Power Consumption (max)	280
Power Consumption (sleep mode)	< 0.5

Dimensions & Weight

Dimensions (HxWxD mm) (w/o Base)	714.4 x 433.3 x 98.1
Dimensions (HxWxD mm)	714.4 x 598.7 x 306
CTN Dimensions (HxWxD mm)	528 x 955 x 208
Net Weight (kg) (without stand)	7.2
Net Weight (kg)	15.7

Software

Color Shuttle	Yes
Display QuicKit	Yes

Compatibility

Other Accessories	QSG ; Warranty Card
VESA Wall Mount	100 x 100
K Locker	Yes
OSD Language	Arabic ; Chinese (simplified) ; Chinese (traditional) ; Czech ; Deutsch ; English ; French ; Hungarian ; Italian ; Japanese ; Korean ; Netherlands ; Polish ; Portuguese ; Romanian ; Russian ; Spanish ; Swedish

Certification

TUV Certificate	Low Blue Light (Software Solution)

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