

The Closer You Look, the More Beauty You See.



BL2420U

Be Amazed by Spectacular Details

HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE



BenQ BL2420U

23.6" UHD Monitor

The BL2420U boasts a 23.6W ultra-high-definition(UHD) display built with BenQ's advanced IPS technology, providing professionals in CAD/CAM, animation, video editing and graphic arts ultra-precise color rendition and over 300% working space to enhance their work efficiency and productivity.

• 100% sRGB with IPS Technology

Every color is delivered with the finest precision in every detail and at every possible viewing angle for a great viewing experience. With a 8-bit panel that renders more than one billion hues, every image is displayed with the richest, liveliest colors.

• Enhanced Work Efficiency

Achieve the highest work efficiency with minimized eye fatigue:

CAD/CAM Mode

Crisp-clear details in complex wireframes so you'll never miss a line again

Animation Mode

10-level display brightness adjustment to reveal details in darkened areas for the most precise design



• Multi-Functional Connectivity

Bring different contents together onto one display effortlessly to transfer and read files with ease. A rich set of I/O ports is also built into the monitor for full multimedia media support
*HDMIx2, DP portx1, DVI-DLx1, USB3.0x2.

• Auto-Pivot

Auto Pivot detects the movement of the monitor and dynamically rotates the contents displayed for flexible landscape or vertical viewing without utilizing Windows or graphic card settings.
*Display Pilot Software required



• BenQ Proprietary Eye-Care Features

For utmost eye comfort and reduced symptoms of eye discomfort:

Flicker-free Technology	Low Blue Light	Eye Protect Sensor
A zero-fllickering viewing experience for minimizing eyestrain.	Reduced eye fatigue with less exposure to hazardous blue lights.	Automatically adjusted screen brightness for optimal clarity and viewing comfort under any ambient light.



• Desktop Partition

With the aid of BenQ's Display Pilot software, all your applications can be displayed at once with your desired proportions to enable better multitasking.

For Those Who Have A Keen Eye for Detail and Precision



• Graphic Arts

The finest image quality is rendered with the highest resolution so even the subtlest detail can be seen clearly on screen.

23.6W UHD Resolution 100% sRGB 8-bit Color
Auto Pivot Desktop Partition USB3.0x2

• CAD/CAM

Exceptional clarity is delivered to precisely distinguish every line—with the display setting you need.

23.6W UHD Resolution 8-bit Color Desktop Partition CAD/CAM Mode



• Video Editing

The highest work efficiency is enabled with a clear view of, and access to, all the tools and images you need.

23.6W UHD Resolution 100% sRGB / REC709 8-bit Color



• Animation

Uncompromising design precision is ensured with 10 levels of brightness adjustment to bring out and brighten each detail in the dark areas of an image.

23.6W UHD Resolution 100% sRGB 8-bit Color
Animation Mode Auto Pivot Desktop Partition



Marketing Name	BL2420U
Product Color	Black
Panel	
Back Light Unit	LED
LCD Size	23.6W
Aspect Ratio	16:9
Resolution (max.)	3840x2160at 60Hz(DP,HDMI-2) 3840x2160at 30Hz(DVI,HDMI-1)
Display Area (mm)	521.28x293.22
Pixel Pitch (mm)	0.136
Brightness (typ)	300 cd/m ²
Contrast (typ)	1000:1 (typ)
DCR (DyNomic Contrast Ratio) (typ)	20M:1
Panel Type	IPS technology
Viewing Angle (LR/UD) (CR>=10)	178/178
Response Time (Tr+Tf) typ.	7ms (GtG)
Display Colors	16.7 million
Color Gamut	100% sRGB
Monitor	
Input Connector	HDMI2.0 / HDMI1.4 DVI-DL / DP1.2 / headphone jack / line in
Power Supply (90~264 AC)	Built-in
Power Consumption (Base on Energy star)	26W
Power Consumption (Off mode)	0.5W
K Locker	Yes
Dimensions(HxWxD mm)	524.9x563.2x239.55 (HAS Highest) 394.9x563.2x239.55 (HAS Lowest)
Dimensions with Wall Mount (HxWxD mm) (w/o Base)	338.7x563.2x71.5
Net Weight (kg)	7
Special Feature	
Senseye	Senseye 3
Win7/8/8.1	Yes
Mac compatible	Yes
HDCP	Yes
Color Temperature	Reddish / Normal / Bluish / user mode
Speaker	1Wx2
USB Hub	Yes USB3.0 (2*downstream, 1*upstream)
VESA Wall Mounting	100x100mm
Pivot	90°
Swivel (left/right)	45 / 45
Tilt (down/up)	-5 ~ 20
High Adjustment (mm)	140mm
AC Switch	Yes
CAD/CAM mode	Yes
Animation mode	Yes
Auto Pivot	Yes
Low Blue Light	Yes
Flicker Free	Yes
Monitor	
TCO	TCO 6.0
Energy Star	6.0

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