

## AN EXPERIENCE ONLY 4K CAN DELIVER



## Impeccable 4K Ultra-high Definition Visuals

### Phenomenal Pixel-perfect Detail

Open your eyes to breathtaking levels of detail with the ASUS PB287Q True 4K ultra-high definition (4K UHD) monitor. The ASUS PB287Q features a 16:9 aspect ratio WLED display that delivers next-generation 4K UHD visuals, with resolution up to 3840 by 2160. With a pixel density of 157 pixels-per-inch (PPI), the PB287Q provides over 8 million pixels, four times the pixel density of standard Full HD displays for astonishingly detailed visuals – allowing you to experience more onscreen real estate and stunning image clarity that have to be seen to be believed. The PB287Q also delivers an impressive 1ms GTG fast response time and a 60Hz refresh rate for ultra-smooth gameplay.



Conventional Full HD Monitor  
1920 x 1080

= 2,073,600 pixels



## When 4K Means Seeing and Doing Much More

With 300% more onscreen space than similar sized Full HD displays, the ASUS PB287Q gives you more space to spread out your various work windows for more productive multitasking. Capable of displaying 1.07 billion colors, the PB287Q delivers outstanding color reproduction and saturation thanks to its 330cd/m<sup>2</sup> brightness and a 100,000,000:1 ASUS Smart Contrast Ratio (ASCR).

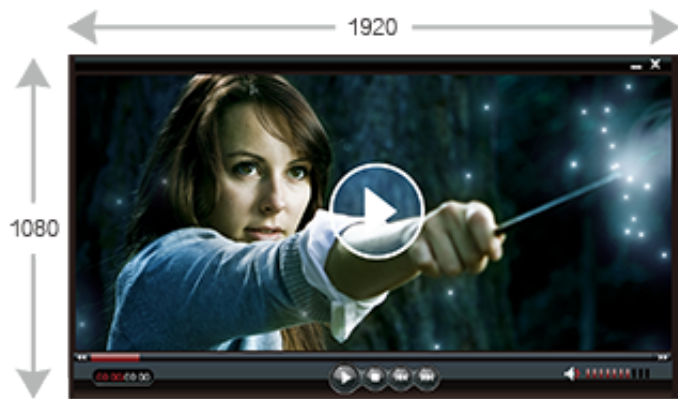


Conventional Full HD Monitor

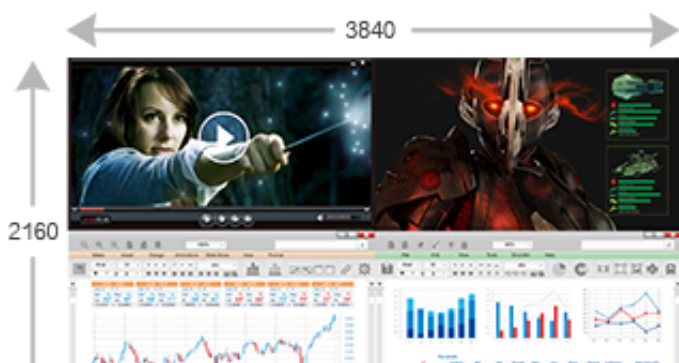
Shows less detail and spacing with less room for work bars on the side. Images are relatively blurrier.



ASUS PB287Q True 4K UHD Monitor  
See more detail and spacing with more room for work bars on the side. Images are much more crisp and detailed.



Conventional Full HD Monitor  
Show only one 1080p FHD video.



Welcoming Prosumers and Gamers Alike to the 4K UHD Club

## Impressive Real 10-bit Colors and 1ms Response Time

Real 10-bit colors means the ASUS PB287Q provides smooth color gradations for a more natural-looking transition between hues. The PB287Q also delivers an impressive 1ms (gray-to-gray) fast response time and a 60Hz\* refresh rate for fluid and responsive visuals needed to experience today's games to their fullest.

\* PB287Q can support true 4K UHD content at 60Hz refresh rate via DisplayPort 1.2.





60Hz



Sluggish motion scenes in 60Hz refresh rate

+1ms



ASUS PB287Q True 4K UHD Monitor

Fluid movement with ASUS PB287Q – world's leading 1ms (GTG) response time, the fastest available, and 60Hz refresh rate for true 4K visuals and gaming.

30Hz



Sluggish motion scenes in 30Hz refresh rate



Conventional monitor

## Everything You Need. Built Right In Running True 4K UHD at 60Hz\* When Others Simply Can't

The ASUS PB287Q features extensive connectivity options that include DisplayPort 1.2 for true 4K UHD content support at refresh rates of up to 60Hz, HDMI and a second HDMI port that supports MHL\*\*. You can also use the MHL with HDMI connection to view content from your mobile device on the PB287Q while simultaneously charging the mobile device.



HDMI1.4/MHL

HDMI1.4

DisplayPort 1.2

Audio In

Earphone Jack

\*PB287Q can support true 4K UHD content at refresh rate via DisplayPort 1.2.

\*\*For a full MHL-enabled product list, please see [www.mhlconsortium.org](http://www.mhlconsortium.org).

## One Display, Two Sources

Build-in Picture-in-Picture (PiP) and Picture-by-Picture (PbP) functionality let you view content from two different sources simultaneously, with the ability to switch video between sources easily. PiP mode places the second input source window in one corner of the display, while PbP mode splits the screen down the middle.



Picture-in-Picture (PiP) mode places the second input source window in one corner of the display – you are allowed to place the second input source window in either top right or bottom right.



Innovations That Raise the Bar  
ASUS-exclusive Technologies for Stunning Image Quality

We've raised the bar by incorporating some of our proprietary technologies into the ASUS PB287Q to give you a truly vivid visual experience. The PB287Q features the new SplendidPlus™ Video Intelligence Technology that optimizes videos and images by enhancing color brightness, contrast, and sharpness. SplendidPlus™ features two new modes – Reading and Darkroom – in addition to the Scenery, Standard, Theater, sRGB, and Night View modes. Low-blue Light and Flicker-free technologies also reduce the strain on your eyes after long-time usage.

**Reading**



Creating comfortable experience as if reading actual books by adjusting the monitor's color temperature and brightness levels, simulating paperback books.

**Darkroom**



Best choice for soft ambient light environment for visual pleasure.

**Scenery**



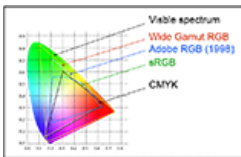
Increases the brightness range, introducing more contrast gradations and selectively tweaking color saturation for more lush landscapes.

**Theater**



Enhances the contrast and color saturation of the image — delivering livelier and more vivid visuals for greater immersion.

**sRGB**



Provides the best performance for viewing graphics.

**Game**



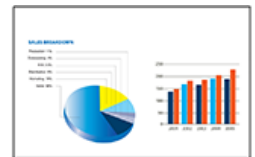
Brings out dark, hard-to-see areas while leaving well-lit portions untouched — allowing you to see opponents lurking in obscure corners.

**Night View**



Intelligently raises Y-luminance to highlight poorly-lit details, capturing each scene's beauty in a crisp and vibrant fashion.

**Standard**



Delivers clear document viewing and web browsing experiences with optimized color and contrast.



ASUS SplendidPlus™ Video Intelligence Technology is built upon a color engine that provides 8 preset modes that allow you to adjust your display accordingly to ensure color accuracy and image fidelity to give you colors that best suit what's showing on the screen. You can access different modes via a designated hotkey.



Conventional monitors without the flicker-free technology



PB287Q True 4K UHD Monitor with the flicker-free technology



Flicker-free

The PB287Q also equipped with the latest ASUS display technology: ASUS EyeCare Technology. The



Low Blue Light

EyeCare technology adopts new Flicker-free technology by utilizing DC adjustment backlighting, which clears out the distracted flicker shown on the screen and delivers a more comfortable viewing experience. EyeCare technology is also the basis of the Reading and Darkroom modes in SplendidPlus™; these profiles effectively reduce the level of blue light, ensuring less eyestrain and healthier eyes.



Conventional monitors without the ASUS VividPixel Technology



PB287Q True 4K UHD Monitor with the ASUS VividPixel Technology





ASUS VividPixel Technology adds to the PB287Q's crystal-clear and detailed visuals by enhancing image

outlines and reducing noise bars.



ASUS QuickFit Virtual Scale's onscreen alignment grid overlay also helps you align and preview actual-size photos and documents on screen prior to printing, thereby adding to the overall flexibility and productivity aspects of the PB287Q display.

Support Formats:



Document: B5, A4, Letter,

Grid: Alignment

Photo: 8"x10", 5"x7", 4"x6", 3"x5", 2"x2"

## Say Hello to Extraordinary Comfort Your Viewing Experience Matters

The PB287Q features a slim profile and an ergonomically-designed stand with tilt, swivel, pivot, and height adjustments so you can always find that ideal viewing position.

The PB287Q is also VESA-mountable, enabling wall-mount capability.



Height Adjustment (0 to 150mm)



Swivel (+60° to -60°)



Tilt (+20° to -5°)



Pivot (90° clockwise)