

Dell UltraSharp  
U2312HM 58.42 cm  
(23") & U2212HM  
54.61 cm (21.5")  
Monitors with  
LED backlights



## Get remarkable screen clarity and optimal viewing comfort with the Dell UltraSharp™ U2312HM 58.42 cm (23") & U2212HM 54.61 cm (21.5") Monitors with IPS technology and LED backlights

The Dell UltraSharp U2312HM and U2212HM monitors with IPS technology and LED backlights give you remarkable screen clarity, adjustability features for the optimal comfort you desire, and environmentally conscious energy efficient features for one of the industry's highest-quality, most advanced screen viewing experiences.

With 1920 x 1080 resolution, high 2 million:1 DCR and fast 8ms (typical) gray-to-gray response time you'll enjoy amazing clarity and great colour consistency from virtually any viewing angle. And with an optimal height adjustable range of up to 130 mm (3.94"), plus features like tilt, pivot and swivel, the Dell UltraSharp U2312HM and U2212HM monitors are designed for your maximum viewing comfort.

The Dell UltraSharp™ U2312HM 58.42 cm (23") and U2212HM 54.61 cm (21.5") monitors are perfect for:

- **Financial analysts**
- **Corporate customers with advanced office applications**
- **Educators, programmers**
- **Consumers (students, amateur photographers, casual gamers, home office)**
- **Healthcare professionals**

# Dell UltraSharp U2312HM 58.42 cm (23") and U2212HM 54.61 cm (21.5") Monitors with LED backlights

## Uncompromising screen performance

- **Outstanding screen clarity**
  - IPS technology — see accurate and consistent colours across a wide viewing angle (178° x 178°) with IPS technology
  - Enjoy vivid, crystal clear images with resolution of 1920 x 1080
  - High dynamic contrast ratio of 2 million:1 and fast 8 ms gray-to-gray response time — experience crisp, razor-sharp and ghost-free images, thus reducing motion blur
- **Wide colour gamut of 82% (typical)** — enjoy impressive colour performance with the U2312HM and U2212HM's ability to produce a wide range of colours
- **Large 58.42 cm (23-inch) and 54.61 cm (21.5-inch) screen with a 16:9 aspect ratio** — compatible with legacy software applications with screen sizes that fit perfectly on the 1920 x 1080 resolution U2312HM and U2212HM monitor

## Comfort and style

- **Improved height adjustability** (130 mm vs. previous Dell models with 100 mm) — maximise your viewing comfort by easily adjusting the monitor to the desired height
- **Additional comfort-enabling features such as tilt, swivel and pivot (with enhanced menu rotation)** — adjust the screen to the preferred angle (tilt — 4 degrees forward/ 21 degrees backward — plus swivel). Change the orientation of the screen from horizontal to vertical (pivot) to easily read newsletters, flyers, or web pages without the need to scroll using manual adjustment and an enhanced menu rotation
- **New slim profile** — conveys elegance and stylish sophistication

## Eco-design

- **Environmental compliance** — meets the latest environmental standards such as ENERGY STAR®, EPEAT Gold, TCO Certified Displays 5.2, and CECP
- **Arsenic-free and mercury-free LED panel, and halogen-free laminates in circuit boards** — easy to recycle and helps to lower power consumption
- **PowerNap<sup>1</sup> software** — helps to dim the monitor to its minimum brightness level or puts it into sleep mode when not in use
- **Dynamic dimming<sup>2</sup> software** — adjusts onscreen brightness when images displayed consist of predominantly large bright and white areas

## Additional features of the U2312HM and U2212HM

- **Energy usage bar** — appears on the OSD menu and shows the monitor's energy consumption at a glance
- **Text mode** — when text mode is enabled the screen automatically adjusts its brightness to 150 nits, which is suitable for reading text
- **Colour temperature slider**
  - Default colour temperature is 6500k
  - Colour temperature slider can easily be moved to desired cooler or warmer colour temperature



Dell UltraSharp™ U2312HM  
58.42 cm (23") Monitor

Designed for comfort, convenience and ease-of-use



Dell recommends that customers dispose used computer hardware, including sound monitors, in an environmentally sound manner. Potential methods include reuse of parts or whole products and recycling of product, components and/or materials. For more information, please visit [http://dell.com/recycling\\_programs](http://dell.com/recycling_programs) and [www.dell.com/environment](http://www.dell.com/environment)

## Dell UltraSharp U2312HM 58.42 cm (23") & U2212HM 54.61 cm (21.5") monitors with LED backlights

Monitor	U2312HM	U2212HM
Viewable image size (diagonal)	58.42 cm (23 inches)	54.61 cm (21.5 inches)
Preset display area	145,835 sq-mm (226.2 sq-inches)	127,021 sq-mm (196.4 sq-inches)
Horizontal	475.2 mm (18.7 inches)	475.2 mm (18.7 inches)
Vertical	267.3 mm (10.5 inches)	267.3 mm (10.5 inches)
Maximum preset resolution	1920 x 1080 at 60 Hz	
Aspect ratio	16:9	
Pixel pitch	0.265 mm	0.2475 mm
Brightness (typical)	300 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>
Colour gamut	82% <sup>1</sup>	
Colour depth	16.7 million colours	
Contrast ratio (typical)	1,000:1	
Dynamic contrast ratio (typical)	2 million:1	
Viewing angle (vertical/horizontal)	178°/178°	
Response time (typical)	8ms (gray-to-gray)	
Panel type	IPS (In-plane switching)	

### Connectivity

Connectors	DVI-D (HDCP), DisplayPort, VGA, 4 x USB 2.0 ports
Remote asset management	Yes, used with PC managed by Dell Client Manager

### Design Features

Stand	Height adjustable stand with tilt, swivel and pivot features
Security	Security lock slot and stand lock (security lock and M3x6mm screw for stand lock not included)

### Power

AC input voltage/frequency/current	100 to 240 VAC/50 or 60 Hz ± 3 Hz/1.5 A (typical)
Power consumption (typical)	30 W
Power consumption standby/sleep mode	<0.5W

### Dimensions (with stand)

Height (compressed ~ extended)	365.0 mm ~ 493.9 mm (14.37 inches ~ 19.44 inches)	355.6 mm ~ 484.5 mm (14.00 inches ~ 19.07 inches)
Width	546.4 mm (21.51 inches)	513.0 mm (20.20 inches)
Depth	185.4 mm (7.30 inches)	183.3 mm (7.22 inches)

### Weight

Weight without stand assembly (For wall mount or VESA mount considerations – no cables)	2.96 kg (6.53 lbs)	2.7 kg (6.0 lbs)
Weight with stand assembly and cables	5.18 kg (11.42 lbs)	5.4 kg (12.0 lbs)
Weight with packaging	6.47 kg (14.26 lbs)	6.8 kg (15.0 lbs)

### Service & Warranty

- 3 Years Advanced Exchange Service<sup>2</sup> & Limited Hardware Warranty<sup>3</sup>
- Premium Panel Guarantee – 100% replacement of Dell UltraSharp series monitors sold if any bright pixel is found, valid within the warranty period.



\* Registered for US and Canada only.

<sup>1</sup> Colour gamut (typical) is based on CIE1976 (82%) and CIE1931 (72%) test standards.

<sup>2</sup> Advanced Exchange Service: Replacement part/unit dispatched, if needed, following completion of phone/online diagnosis.

Fee charged for failure to return defective unit. Availability varies. Other conditions apply.

<sup>3</sup> For copy of Limited Hardware Warranty, write Dell Products, Dell House, The Boulevard, Cain Road, Bracknell, Berkshire, RG12 1LF, UK or see [www.dell.com/warranty](http://www.dell.com/warranty).

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