

## Samsung S80UH computer monitor 81.3 cm (32") 3840 x 2160 pixels 4K Ultra HD LCD Black

**Brand :** Samsung

**Product family:** ViewFinity

**Product code:**  
LS32H800UAUXEN

**Product name :** S80UH

Samsung S80UH. Display diagonal: 81.3 cm (32"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LCD, Response time: 5 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black



| Display                               |                               | Network                                   |              |
|---------------------------------------|-------------------------------|-------------------------------------------|--------------|
| Display diagonal *                    | 81.3 cm (32")                 | Ethernet LAN                              | ✓            |
| Display resolution *                  | 3840 x 2160 pixels            | Ergonomics                                |              |
| HD type *                             | 4K Ultra HD                   | VESA mounting *                           | ✓            |
| Native aspect ratio *                 | 16:9                          | Panel mounting interface                  | 100 x 100 mm |
| Display technology *                  | LCD                           | Height adjustment *                       | ✓            |
| Panel type *                          | VA                            | Adjustable height (max)                   | 12 cm        |
| Touchscreen *                         | ✗                             | Pivot                                     | ✓            |
| Display brightness (typical)          | 350 cd/m²                     | Pivot angle                               | -92 - 92°    |
| Display brightness (min)              | 280 cd/m²                     | Swivelling                                | ✓            |
| Response time *                       | 5 ms                          | Swivel angle range                        | -45 - 45°    |
| Response time measurement type        | GTG (Gray to Gray)            | Tilt adjustment                           | ✓            |
| Screen shape *                        | Flat                          | Tilt angle range                          | -3 - 25°     |
| Contrast ratio (typical) *            | 3000:1                        | Picture-in-Picture                        | ✓            |
| Dynamic contrast ratio marketing name | Mega Infinity DCR             | Power                                     |              |
| Maximum refresh rate *                | 60 Hz                         | Energy efficiency class (SDR) *           | F            |
| Viewing angle, horizontal             | 178°                          | Energy efficiency class (HDR) *           | G            |
| Viewing angle, vertical               | 178°                          | Energy consumption (SDR) per 1000 hours * | 32 kWh       |
| Display number of colours *           | 1.07 billion colours          | Energy consumption (HDR) per 1000 hours * | 61 kWh       |
| Viewable size, horizontal             | 69.7 cm                       | Power consumption (typical) *             | 32 W         |
| Viewable size, vertical               | 39.2 cm                       | Power consumption (standby) *             | 0.5 W        |
| Display diagonal (metric)             | 80 cm                         | AC input voltage                          | 100 - 240 V  |
| High Dynamic Range (HDR) supported    | ✓                             | AC input frequency                        | 50/60 Hz     |
| High Dynamic Range (HDR) technology   | High Dynamic Range 10 (HDR10) | Power supply type                         | Internal     |
| sRGB coverage (typical)               | 99%                           | Energy efficiency scale                   | A to G       |
| Performance                           |                               | Operational conditions                    |              |
| NVIDIA G-SYNC *                       | ✗                             | Operating temperature (T-T)               | 10 - 40 °C   |
| AMD FreeSync *                        | ✗                             | Operating relative humidity (H-H)         | 10 - 80%     |
| Flicker-free technology               | ✓                             | Weight & dimensions                       |              |
| Multimedia                            |                               | Width (with stand)                        | 716.7 mm     |
| Built-in speaker(s) *                 | ✗                             | Depth (with stand)                        | 240 mm       |
| Built-in camera *                     | ✗                             | Height (with stand)                       | 613.1 mm     |

| Design                                       |                       | Weight & dimensions         |                                             |
|----------------------------------------------|-----------------------|-----------------------------|---------------------------------------------|
| Market positioning *                         | Office                | Weight (with stand)         | 6.2 kg                                      |
| Product colour *                             | Black                 | Width (without stand)       | 716.7 mm                                    |
| Feet colour                                  | Black                 | Depth (without stand)       | 46 mm                                       |
| Ports & interfaces                           |                       | Height (without stand)      | 423.2 mm                                    |
| Built-in USB hub *                           | ✓                     | Weight (without stand)      | 4.7 kg                                      |
| USB hub version                              | 3.2 Gen 1 (3.1 Gen 1) | Packaging data              |                                             |
| Number of USB Type-B upstream ports quantity | 1                     | Package width               | 794 mm                                      |
| USB Type-A downstream ports quantity         | 3                     | Package depth               | 133 mm                                      |
| USB Type-C downstream ports quantity         | 1                     | Package height              | 560 mm                                      |
| USB Power Delivery (USB PD)                  | ✓                     | Package weight              | 8.8 kg                                      |
| USB Power Delivery up to                     | 90 W                  | Packaging content           |                                             |
| HDMI *                                       | ✓                     | Stand included              | ✓                                           |
| HDMI ports quantity                          | 1                     | Cables included             | Power, USB Type-C, USB Type-A to USB Type-B |
| HDMI version                                 | 2.0                   | Power cable length          | 1.5 m                                       |
| DisplayPorts quantity                        | 1                     | Sustainability              |                                             |
| DisplayPort out version                      | 1.2                   | Sustainability certificates | TCO, EPEAT Silver                           |
| Headphone out *                              | ✓                     | Other features              |                                             |
| Built-in KVM switch                          | ✓                     | Picture-by-Picture (PbP)    | ✓                                           |
| HDCP                                         | ✓                     | Samsung Eye Saver Mode      | ✓                                           |
| HDCP version                                 | 2.2                   | Eco Saving Plus             | ✓                                           |
|                                              |                       | Image size                  | ✓                                           |
|                                              |                       | Off Timer Plus              | ✓                                           |
|                                              |                       | Auto source switch+         | ✓                                           |
|                                              |                       | Ethernet LAN (RJ-45) ports  | 1                                           |



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### Catalog Object Cloud



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