

Samsung LS27D800UAU computer monitor 68.6 cm (27") 3840 x 2160 pixels Quad HD Black

Brand : Samsung

Product family: ViewFinity

Product code:
LS27D800UAUXXU

Product name : LS27D800UAU



- UHD resolution reveals greater levels of detail with higher pixel density
 - See truetolife colour representation with 1 billion colours with HDR10
 - USBC and LAN Port connectivity
 27", 4K 3840 x 2160, IPS, 60 Hz, 16:9, 1x Display Port 1.2, 2 x HDMI, USB Hub 3.0, USB-C, 100-240 V, 25 W, 612.9 x 556.6 x 220 mm, 6.1 kg
 Samsung LS27D800UAU. Display diagonal: 68.6 cm (27"), Display resolution: 3840 x 2160 pixels, HD type: Quad HD, Response time: 5 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in USB hub. Height adjustment. Product colour: Black

| Display | | Ergonomics | |
|---------------------------------------|-------------------------------|---|-------------|
| Display diagonal * | 68.6 cm (27") | Swivelling | ✓ |
| Display resolution * | 3840 x 2160 pixels | Swivel angle range | -30 - 30° |
| HD type * | Quad HD | Tilt adjustment | ✓ |
| Native aspect ratio * | 16:9 | Tilt angle range | -2 - 25° |
| Panel type * | IPS | Picture-in-Picture | ✓ |
| Touchscreen * | ✗ | Power | |
| Display brightness (typical) | 350 cd/m ² | Energy efficiency class (SDR) * | F |
| Display brightness (min) | 280 cd/m ² | Energy efficiency class (HDR) * | G |
| Response time * | 5 ms | Energy consumption (SDR) per 1000 hours * | 25 kWh |
| Screen shape * | Flat | Energy consumption (HDR) per 1000 hours * | 41 kWh |
| Contrast ratio (typical) * | 1000:1 | Power consumption (typical) * | 25 W |
| Dynamic contrast ratio marketing name | Mega Infinity DCR | Power consumption (standby) * | 0.5 W |
| Maximum refresh rate * | 60 Hz | Power consumption (max) | 170 W |
| Viewing angle, horizontal | 178° | Power consumption (average) | 37 W |
| Viewing angle, vertical | 178° | Power consumption (off) | 0.3 W |
| Display number of colours * | 1.07 billion colours | AC input voltage | 100 - 240 V |
| Viewable size, horizontal | 59.7 cm | Energy efficiency scale | A to G |
| Viewable size, vertical | 33.6 cm | European Product Registry for Energy Labelling (EPREL) code | 1963525 |
| Display diagonal (metric) | 68 cm | Operational conditions | |
| High Dynamic Range (HDR) supported | ✓ | Operating temperature (T-T) | 10 - 40 °C |
| High Dynamic Range (HDR) technology | High Dynamic Range 10 (HDR10) | Operating relative humidity (H-H) | 10 - 80% |
| sRGB coverage (typical) | 99% | Weight & dimensions | |
| Performance | | Width (with stand) | 612.9 mm |
| Flicker-free technology | ✓ | Depth (with stand) | 220 mm |
| Design | | Height (with stand) | 556.6 mm |
| Market positioning * | Office | Weight (with stand) | 6.1 kg |
| Product colour * | Black | Width (without stand) | 612.9 mm |
| Front bezel colour | Black | Depth (without stand) | 41.6 mm |
| Feet colour | Black | Height (without stand) | 367.7 mm |

| Ports & interfaces | | Weight & dimensions | |
|--|--------------|--------------------------------|------------|
| Built-in USB hub * | ✓ | Weight (without stand) | 3.7 kg |
| Number of upstream ports | 3 | Packaging data | |
| Number of USB Type-C upstream ports quantity | 1 | Package width | 687 mm |
| USB Power Delivery up to | 90 W | Package depth | 510 mm |
| HDMI * | ✓ | Package height | 160 mm |
| HDMI ports quantity | 1 | Package weight | 7.9 kg |
| HDMI version | 2.0 | Package type | Box |
| DisplayPorts quantity | 1 | Packaging content | |
| DisplayPort version | 1.2 | Stand included | ✓ |
| Headphone out * | ✓ | Cables included | USB Type-C |
| Headphone outputs | 1 | Manual | ✓ |
| Built-in KVM switch | ✓ | Power cable length | 1.5 m |
| HDCP | ✓ | Other features | |
| HDCP version | 2.2 | Brand specific technologies | Eye Saver |
| Network | | Picture-by-Picture (PbP) | ✓ |
| Ethernet LAN | ✓ | Factory tuning | Yes |
| Ergonomics | | Adaptive picture | ✓ |
| Panel mounting interface | 100 x 100 mm | Off Timer Plus | ✓ |
| Wall mountable | ✓ | Auto source switch+ | ✓ |
| Height adjustment * | ✓ | Recycling data | |
| Height adjustment | 12 cm | Post-consumer recycled plastic | 10% |
| Pivot | ✓ | | |
| Pivot angle | -92 - 92° | | |



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