

Samsung VM46B-U LCD Indoor

Brand : Samsung

Product code: LH46VMBUBGBXEN

Product name : VM46B-U

46", IPS FHD (1920 x 1080), 1200:1, 8 ms, 45000:1, 24/7, HDMI, USB, LAN, 1022 x 577 x 69.9 mm
 Samsung VM46B-U. Display diagonal: 116.8 cm (46"), Display resolution: 1920 x 1080 pixels, Display technology: LCD, Display brightness: 500 cd/m², HD type: Full HD, Operating hours (hours/days): 24/7.
 Product colour: Black



| Display | | Ports & interfaces | |
|------------------------------|-----------------------|---|--|
| Display technology * | LCD | USB ports quantity | 1 |
| Display diagonal | 116.8 cm (46") | HDCP | ✓ |
| Display resolution | 1920 x 1080 pixels | HDCP version | 2.2 |
| HD type | Full HD | IR input ports quantity | 1 |
| Panel type | IPS | Audio input | ✓ |
| Aspect ratio | 16:9 | Audio output | ✓ |
| Pixel pitch * | 0.53 x 0.53 mm | | |
| Display brightness * | 500 cd/m ² | Power | |
| Pixel frequency | 82 MHz | Power consumption (typical) * | 160 W |
| Contrast ratio (typical) | 1200:1 | Energy efficiency scale | A to G |
| Contrast ratio (dynamic) | 45000:1 | Energy efficiency class (SDR) | G |
| Response time | 0.008 s | Energy consumption (SDR) per 1000 hours | 128 kWh |
| Viewing angle, horizontal | 178° | AC input voltage | 100 - 240 V |
| Viewing angle, vertical | 178° | AC input frequency | 50 - 60 Hz |
| Horizontal scan range | 62.7 - 72.3 kHz | Operational conditions | |
| Vertical scan range | 57 - 63 Hz | Operating temperature (T-T) | 0 - 40 °C |
| Operating hours (hours/days) | 24/7 | Operating relative humidity (H-H) | 10 - 90% |
| Design | | Logistics data | |
| Placement supported * | Indoor | Harmonized System (HS) code | 85285210 |
| Orientation * | Landscape/Portrait | Sustainability | |
| Bezel width (side) | 1.25 mm | Certification | FCC (USA) Part 15, Subpart B Class ACE (Europe) : EN55032 : 2012 or 2015 □ EN55024:2010 or EN 55035:2017VCCI (Japan) : VCCI CISPR32:2016 Class BKCC/EK (Korea) : Tuner : KN13 / KN20Tunerless : KN22 / KN24BSMI (Taiwan) : CNS13438 (ITE EMI) Class A / CNS14336-1 (ITE Safety) / CNS15663 (RoHS)C-Tick (Australia) : AS/NZS CISPR32:2015CCC(China) :GB/T9254-2008, GB17625.1-2012GOST(Russia/CIS) : ROCT CISPR 24-2013/ROCT CISPR 22:2005 |
| Bezel width (top) | 2.25 mm | | |
| Bezel width (bottom) | 2.25 mm | | |
| VESA mounting | ✓ | Weight & dimensions | |
| Panel mounting interface | 600 x 400 mm | Width | 1022 mm |
| Panel colour | Black | Depth | 69.9 mm |
| Panel colour | Black | Height | 577 mm |
| Ports & interfaces | | Weight | 15.7 kg |
| HDMI ports quantity | 2 | | |
| HDMI version | 2.0 | | |
| DVI port | ✓ | | |
| DisplayPorts quantity | 1 | | |
| DisplayPort version | 1.2 | | |
| Ethernet LAN | ✓ | | |
| Ethernet LAN (RJ-45) ports | 1 | | |
| RS-232 input ports | 1 | | |
| RS-232 output ports | 1 | | |
| RS-232C | ✓ | | |
| USB port | ✓ | | |

Packaging data

| | |
|----------------|---------|
| Package width | 1193 mm |
| Package depth | 257 mm |
| Package height | 719 mm |
| Package weight | 22.2 kg |



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