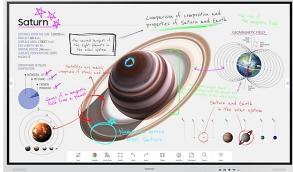**SAMSUNG**

# Samsung WM85B interactive whiteboard 2.16 m (85") 3840 x 2160 pixels Touchscreen Light grey HDMI

**Brand :** Samsung

**Product name :** WM85B

**Product code:** LH85WMBWLGCXEN

216cm (85"), 60Hz New Edge, 350 cd/m², 4,000:1, 8ms, 178° / 178°, 3840 x 2160 pixels, 2x HDMI, 187kWh, 75.2kg

Samsung WM85B. Display diagonal: 2.16 m (85"), Display brightness: 350 cd/m², Display resolution: 3840 x 2160 pixels. Processor architecture: ARM Cortex-A72, Processor frequency: 1.7 GHz, Processor cache: 2 MB. Speaker power: 10 W. Interface: HDMI, USB connector type: USB Type-A, USB Type-C, Headphone connectivity: 3.5 mm. Product colour: Light grey, Panel mounting interface: 600 x 400 mm

## Display

| | |
|---|---|
| Display diagonal * | 2.16 m (85") |
| Display brightness | 350 cd/m² |
| Display resolution | 3840 x 2160 pixels |
| HD type | 4K Ultra HD |
| Panel type | VA |
| Contrast ratio (typical) | 4000:1 |
| Response time | 8 ms |
| Maximum refresh rate | 60 Hz |
| Touchscreen * | ✓ |
| Multi-touch | ✓ |
| Touch technology | Multi-touch |
| Touchscreen type | Infrared |
| Number of simultaneous touchpoints | 20 |
| Touch system response time | 6.7 ms |
| Viewing angle, horizontal | 178° |
| Viewing angle, vertical | 178° |
| Pixel pitch | 0.4875 x 0.4875 mm |
| Horizontal scan range | 30 - 81 kHz |
| Vertical scan range | 48 - 75 Hz |
| Haze rate | 2% |

## Computer system

| | |
|---|---|
| Processor architecture | ARM Cortex-A72 |
| Processor frequency | 1.7 GHz |
| Processor cores | 4 |
| Processor cache | 2 MB |
| Maximum internal memory | 32 GB |
| User memory | 29.3 GB |
| RAM capacity | 3.5 GB |
| RAM type | LPDDR4 |
| RAM clock speed | 1600 MHz |

## Audio

| | |
|---|---|
| Number of built-in speakers | 4 |
| Speaker power | 10 W |

## Projector

| | |
|---|---|
| Built-in projector * | ✘ |

## Ports & interfaces

| | |
|---|---|
| Interface | HDMI |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 3 |
| USB 2.0 ports quantity | 2 |
| USB connector type | USB Type-A, USB Type-C |
| HDMI ports quantity | 2 |
| USB Type-C ports quantity | 1 |
| HDMI version | 2.0 |
| DisplayPorts quantity | 1 |
| Ethernet LAN (RJ-45) ports | 1 |
| Line-out | ✓ |
| Headphone connectivity | 3.5 mm |

## Ergonomics

| | |
|---|---|
| Product colour | Light grey |
| VESA mounting | ✓ |
| Panel mounting interface | 600 x 400 mm |
| Wall mountable | ✓ |

## Power

| | |
|---|---|
| Power consumption (typical) | 506 W |
| Power consumption (standby) | 0.5 W |
| AC input voltage | 100 - 240 V |
| AC input frequency | 50/60 Hz |

## Operational conditions

| | |
|---|---|
| Operating temperature (T-T) | 0 - 40 °C |
| Operating relative humidity (H-H) | 10 - 80% |

## Weight & dimensions

| | |
|---|---|
| Width * | 1945 mm |
| Depth | 89 mm |
| Height * | 1151.1 mm |
| Weight | 75.2 kg |

## Packaging data

| | |
|---|---|
| Package width | 20136 mm |
| Package depth | 260 mm |
| Package height | 1318 mm |
| Package weight | 91.6 kg |

| Network | | Packaging content | |
| --- | --- | --- | --- |
| Wi-Fi | ✔ | Manual | ✔ |
| Bluetooth | ✔ | Mounting kit | ✔ |
| Ethernet LAN | ✔ | Mounting brackets included | ✔ |
| | | Stylus included | ✔ |

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