

## Samsung WM55B interactive whiteboard 139.7 cm (55") 3840 x 2160 pixels Touchscreen Grey, White

**Brand :** Samsung

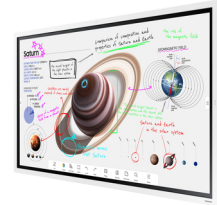
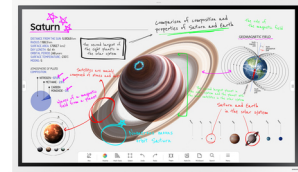
**Product family:** Flip Pro

**Product code:**  
LH55WMBWBGCXEN

**Product name :** WM55B

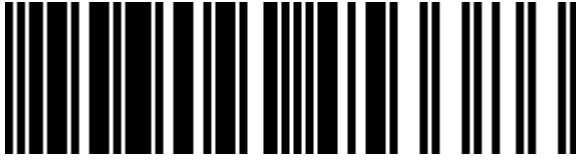
55", 4K UHD (3840 x 2160), 350 cd/ m2, 178/178, Tizen 6.5, 72%, 4000:1, 594 Mhz, 100-240V, 50/60Hz, 1297.4 x 768.2 x 59.9 mm

Samsung WM55B. Display diagonal: 139.7 cm (55"), Display brightness: 350 cd/m², Display resolution: 3840 x 2160 pixels. Operating system installed: Tizen, User memory: 32 GB. Product colour: Grey, White, Panel mounting interface: 400 x 400 mm, Frame material: Plastic. Operating hours (hours/days): 16/7. Power consumption (typical): 154 W, Power consumption (standby): 0.5 W, AC input voltage: 100-240 V

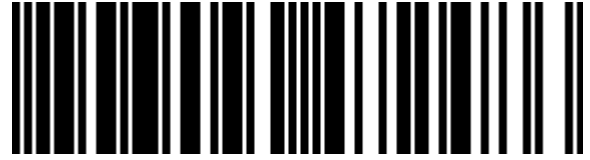


| Display                            |                    | Ports & interfaces                |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------|--------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display diagonal *                 | 139.7 cm (55")     | USB Type-C ports quantity         | 1                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Display brightness                 | 350 cd/m²          | HDMI version                      | 2.0                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Display resolution                 | 3840 x 2160 pixels | DisplayPort version               | 1.2                                                                                                                                                                                                                                                                                                                                                                                                                  |
| HD type                            | 4K Ultra HD        | DisplayPorts quantity             | 1                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Panel type                         | VA                 | Ethernet LAN (RJ-45) ports        | 1                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Native aspect ratio                | 16:9               | Audio output                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Contrast ratio (typical)           | 4000:1             | RS-232 ports                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Response time                      | 8 ms               | Ergonomics                        |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Display brightness (min)           | 220 cd/m²          | Product colour                    | Grey, White                                                                                                                                                                                                                                                                                                                                                                                                          |
| Touchscreen *                      | ✓                  | VESA mounting                     | ✓                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Touch technology                   | Multi-touch        | Panel mounting interface          | 400 x 400 mm                                                                                                                                                                                                                                                                                                                                                                                                         |
| Touchscreen type                   | Infrared           | Frame material                    | Plastic                                                                                                                                                                                                                                                                                                                                                                                                              |
| Number of simultaneous touchpoints | 20                 | Certification                     | Class A FCC (USA) Part 15, Subpart B KCC/EK (Korea) Tuner : KN32 / KN35 Tunerless : KN32 / KN35 CE (Europe) EN55032 : 2012 or 2015 EN55024:2010 or EN 55035:2017 VCCI (Japan) VCCI CISPR32 :2016 CCC(China) GB/T9254-2008 GB17625.1-2012 BSMI (Taiwan) CNS13438 ( ITE EMI ) CNS14336-1 ( ITE Safety ) CNS15663 (RoHS) C-Tick (Australia) AS/NZS CISPR32:2015 GOST( Russia/CIS) ROCT CISPR 24-2013 ROCT CISPR 22:2005 |
| Touch system response time         | 26 ms              |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Viewing angle, horizontal          | 178°               |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Viewing angle, vertical            | 178°               |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Pixel pitch                        | 0.315 x 0.315 mm   |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Colour gamut                       | 72%                |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Horizontal scan range              | 30 - 81 kHz        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Vertical scan range                | 48 - 75 Hz         |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Haze rate                          | 2%                 |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Computer system                    |                    |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Operating system installed         | Tizen              | Performance                       |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Operating system version           | 6.5                | Operating hours (hours/days)      | 16/7                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Built-in processor                 | ✓                  | Power                             |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| User memory                        | 32 GB              | Power consumption (typical)       | 154 W                                                                                                                                                                                                                                                                                                                                                                                                                |
| Audio                              |                    | Power consumption (standby)       | 0.5 W                                                                                                                                                                                                                                                                                                                                                                                                                |
| Built-in speaker(s) *              | ✓                  | AC input voltage                  | 100-240 V                                                                                                                                                                                                                                                                                                                                                                                                            |
| Network                            |                    | AC input frequency                | 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                             |
| Wi-Fi                              | ✓                  | Operational conditions            |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Bluetooth                          | ✓                  | Operating temperature (T-T)       | 0 - 40 °C                                                                                                                                                                                                                                                                                                                                                                                                            |
| Ethernet LAN                       | ✓                  | Operating relative humidity (H-H) | 10 - 80%                                                                                                                                                                                                                                                                                                                                                                                                             |

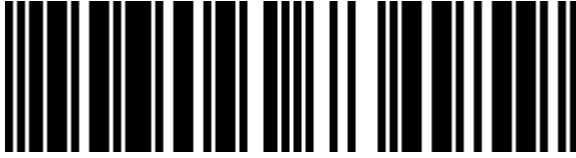
| Ports & interfaces                              |     | Weight & dimensions |           |
|-------------------------------------------------|-----|---------------------|-----------|
| HDCP                                            | ✓   | Width *             | 1297.4 mm |
| HDCP version                                    | 2.2 | Depth               | 59.9 mm   |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 3   | Height *            | 768.2 mm  |
| HDMI ports quantity                             | 2   | Weight              | 28.6 kg   |
| Packaging data                                  |     |                     |           |
|                                                 |     | Package width       | 1464 mm   |
|                                                 |     | Package depth       | 190 mm    |
|                                                 |     | Package height      | 915 mm    |
|                                                 |     | Package weight      | 35.9 kg   |



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### Catalog Object Cloud



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