

Specifications

| Model         |                               |                                                                           | WM55FX                                                                                                                     | WM65FX                                                                                                                     | WM75FX *                                                                                                                   | WM85FX *                                                                                                                   |                          |
|---------------|-------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Panel         | Diagonal Size                 |                                                                           | 55"                                                                                                                        | 65"                                                                                                                        | 75"                                                                                                                        | 85"                                                                                                                        |                          |
|               | Type                          |                                                                           | New Edge, 60Hz                                                                                                             | New Edge, 60Hz                                                                                                             | New Edge, 60Hz                                                                                                             | New Edge, 60Hz                                                                                                             |                          |
|               | Resolution                    |                                                                           | 3,840 x 2,160 (Landscape)                                                                                                  | 3,840 x 2,160 (Landscape)                                                                                                  | 3,840 x 2,160 (Landscape)                                                                                                  | 3,840 x 2,160 (Landscape)                                                                                                  |                          |
|               | Brightness (Typ.)             |                                                                           | 450cd/m2 (without glass)                                                                                                   | 450cd/m2 (without glass)                                                                                                   | 450cd/m2 (without glass)                                                                                                   | 450cd/m2 (without glass)                                                                                                   |                          |
|               | Contrast Ratio (Typ.)         |                                                                           | 4000:1 (Typ.)(without glass)                                                                                               | 4000:1 (Typ.)(without glass)                                                                                               | 4000:1 (Typ.)(without glass)                                                                                               | 4000:1 (Typ.)(without glass)                                                                                               |                          |
| Sound         | Type                          |                                                                           | VA                                                                                                                         | VA                                                                                                                         | VA                                                                                                                         | VA                                                                                                                         |                          |
|               | Viewing Angle (H/V)           |                                                                           | 178:178                                                                                                                    | 178:178                                                                                                                    | 178:178                                                                                                                    | 178:178                                                                                                                    |                          |
|               | Operation Hour                |                                                                           | 12/7                                                                                                                       | 12/7                                                                                                                       | 12/7                                                                                                                       | 12/7                                                                                                                       |                          |
|               | Speaker Type                  |                                                                           | Built in Speaker (15W x 2CH)                                                                                               | Built in Speaker (15W x 2CH)                                                                                               | Built in Speaker (10W x 4CH)                                                                                               | Built in Speaker (10W x 4CH)                                                                                               |                          |
|               | Connectivity                  | INPUT                                                                     | RGB                                                                                                                        | N/A                                                                                                                        | N/A                                                                                                                        | N/A                                                                                                                        | N/A                      |
| VIDEO         |                               |                                                                           | (Basic) HDMI 1, (With Tray) HDMI 1, USB-C                                                                                  | (Basic) HDMI 1, (With Tray) HDMI 1, USB-C                                                                                  | (Rear) HDMI 1 (Front) HDMI 1, USB-C (65W PD)                                                                               | (Rear) HDMI 1 (Front) HDMI 1, USB-C (65W PD)                                                                               |                          |
| AUDIO         |                               |                                                                           | N/A                                                                                                                        | N/A                                                                                                                        | N/A                                                                                                                        | N/A                                                                                                                        |                          |
| USB           |                               |                                                                           | (Basic) USB 1 (With Tray) USB 1, USB External (In/Out pair) 1                                                              | (Basic) USB 1 (With Tray) USB 1, USB External (In/Out pair) 1                                                              | (Rear) USB 1 (Front) USB 1, USB External (In/Out pair) 1                                                                   | (Rear) USB 1 (Front) USB 1, USB External (In/Out pair) 1                                                                   |                          |
| OUTPUT        |                               | RGB                                                                       | N/A                                                                                                                        | N/A                                                                                                                        | N/A                                                                                                                        | N/A                                                                                                                        |                          |
|               |                               | VIDEO                                                                     | HDMI 1                                                                                                                     | HDMI 1                                                                                                                     | HDMI 1                                                                                                                     | HDMI 1                                                                                                                     |                          |
|               |                               | AUDIO                                                                     | 1 (Stereo Mini Jack)                                                                                                       | 1 (Stereo Mini Jack)                                                                                                       | 1 (Stereo Mini Jack)                                                                                                       | 1 (Stereo Mini Jack)                                                                                                       |                          |
| Touch Out     |                               | (Basic) Touch Out 1 (USB Upstream Type), (With Tray) Touch Out 1          |                                                                                                                            | (Basic) Touch Out 1 (USB Upstream Type), (With Tray) Touch Out 1                                                           |                                                                                                                            | (Rear) Touch Out 1 (USB Upstream Type), (Front) Touch Out 1                                                                |                          |
|               |                               | INTERNAL SENSOR CONTROL                                                   | Acceleration sensor                                                                                                        | Acceleration sensor                                                                                                        | N/A                                                                                                                        | N/A                                                                                                                        |                          |
| Touch         |                               | EXTERNAL BT/WiFi                                                          | Touch Input, RS232C thru stereo jack, RJ45 (For MDC)                                                                       | Touch Input, RS232C thru stereo jack, RJ45 (For MDC)                                                                       | Touch Input, RS232C thru stereo jack, RJ45 (For MDC)                                                                       | Touch Input, RS232C thru stereo jack, RJ45 (For MDC)                                                                       |                          |
|               | Yes (Keyboard/Mouse,speaker)  |                                                                           | Yes (Keyboard/Mouse,speaker)                                                                                               | Yes (Keyboard/Mouse,speaker)                                                                                               | Yes (Keyboard/Mouse,speaker)                                                                                               |                                                                                                                            |                          |
|               | Type                          | IR                                                                        | IR                                                                                                                         | IR                                                                                                                         | IR                                                                                                                         |                                                                                                                            |                          |
|               |                               | # of Drawing                                                              | 20 touch (internal/external)<br>* Whiteboard app works 4 drawing                                                           | 20 touch (internal/external)<br>* Whiteboard app works 4 drawing                                                           | 20 touch (internal/external)<br>* Whiteboard app works 4 drawing                                                           | 20 touch (internal/external)<br>* Whiteboard app works 4 drawing                                                           |                          |
|               | Touch Pen Type                |                                                                           | Passive Pen with magnet                                                                                                    | Passive Pen with magnet                                                                                                    | Passive Pen with magnet                                                                                                    | Passive Pen with magnet                                                                                                    |                          |
|               | Object Recognition Range      |                                                                           | 2mm/4mm/8mm/50mm<br>(Brush Mode : Dynamic Object Recognition)                                                              | 2mm/4mm/8mm/50mm<br>(Brush Mode : Dynamic Object Recognition)                                                              | 2mm/4mm/8mm/50mm<br>(Brush Mode : Dynamic Object Recognition)                                                              | 2mm/4mm/8mm/50mm<br>(Brush Mode : Dynamic Object Recognition)                                                              |                          |
|               | Touch Response Time           |                                                                           | 6.7ms                                                                                                                      | 6.7ms                                                                                                                      | 6.7ms                                                                                                                      | 6.7ms                                                                                                                      |                          |
|               | Drawing Speed (Touch latency) |                                                                           | 26ms                                                                                                                       | 26ms                                                                                                                       | 26ms                                                                                                                       | 26ms                                                                                                                       |                          |
|               | Haze                          |                                                                           | 8%~12%                                                                                                                     | 8%~12%                                                                                                                     | 8%~12%                                                                                                                     | 8%~12%                                                                                                                     |                          |
|               | Thickness                     |                                                                           | 3.0T                                                                                                                       | 3.0T                                                                                                                       | 3.2T                                                                                                                       | 3.2T                                                                                                                       |                          |
| Power         | Hardness                      | Heat Semi-Strengthened Glass                                              |                                                                                                                            | Heat Semi-Strengthened Glass                                                                                               |                                                                                                                            | Heat Semi-Strengthened Glass                                                                                               |                          |
|               |                               | Anti Glre, Anti Fog, Protection, Anti-microbial Coating                   |                                                                                                                            | Anti Glre, Anti Fog, Protection, Anti-microbial Coating                                                                    |                                                                                                                            | Anti Glre, Anti Fog, Protection, Anti-microbial Coating                                                                    |                          |
|               | Additional Film               | Type                                                                      | Internal                                                                                                                   | Internal                                                                                                                   | Internal                                                                                                                   | Internal                                                                                                                   |                          |
|               |                               | PowerSupply                                                               | AC100~240V 50/60Hz                                                                                                         | AC100~240V 50/60Hz                                                                                                         | AC100~240V 50/60Hz                                                                                                         | AC100~240V 50/60Hz                                                                                                         |                          |
|               | Power Consumption             | Max [W/h]                                                                 | 154W (100~240V)                                                                                                            | 192.5W(100~240V)                                                                                                           | TBD                                                                                                                        | TBD                                                                                                                        |                          |
|               |                               | Typical [W/h]                                                             | 98W                                                                                                                        | 120W                                                                                                                       | TBD                                                                                                                        | TBD                                                                                                                        |                          |
|               |                               | Rating [W/h]                                                              | 140W                                                                                                                       | 175W                                                                                                                       | TBD                                                                                                                        | TBD                                                                                                                        |                          |
|               |                               | Stand by [W/h]                                                            | 0.5W                                                                                                                       | 0.5W                                                                                                                       | 0.5W                                                                                                                       | 0.5W                                                                                                                       |                          |
|               | BTU [W/h]                     |                                                                           | 525.14W                                                                                                                    | 656.425W                                                                                                                   | TBD                                                                                                                        | TBD                                                                                                                        |                          |
|               | Mechanical Spec               | Dimension (mm)                                                            | Set                                                                                                                        | 1,297.4 x 768.2 x 59.9                                                                                                     | 1,522.4 x 897.6 x 62.9                                                                                                     | 1,735.4 x 1,038.5 x 83.4                                                                                                   | 1,957.1 x 1,163.2 x 83.4 |
| Package       |                               |                                                                           | 1,464 x 915 x 190                                                                                                          | 1,691 x 1,055 x 198                                                                                                        | 1,885 x 1,171 x 210                                                                                                        | 2,130 x 1,295 x 220                                                                                                        |                          |
| Weight (kg)   |                               | Set                                                                       | 28.6                                                                                                                       | 39.7                                                                                                                       | 53.6                                                                                                                       | 66.9                                                                                                                       |                          |
|               |                               | Package                                                                   | 35.9                                                                                                                       | 48.2                                                                                                                       | 63                                                                                                                         | 78.6                                                                                                                       |                          |
| Design        | VESA Mount                    | Yes                                                                       | 400 * 400                                                                                                                  | 400 * 400                                                                                                                  | 400 * 400                                                                                                                  | 600 * 400                                                                                                                  |                          |
|               |                               | Protection Glass                                                          | Yes                                                                                                                        | Yes                                                                                                                        | Yes                                                                                                                        | Yes                                                                                                                        |                          |
|               | Media Player Option Type      | N/A                                                                       | N/A                                                                                                                        | N/A                                                                                                                        | N/A                                                                                                                        |                                                                                                                            |                          |
|               |                               | Power Cable Length                                                        | 3M/2.4M (US)                                                                                                               | 3M/2.4M (US)                                                                                                               | 3M/2.4M (US)                                                                                                               | 3M/2.4M (US)                                                                                                               |                          |
| Operation     | Bezel Color                   | Gray White                                                                | Gray White                                                                                                                 | Gray White                                                                                                                 | Gray White                                                                                                                 |                                                                                                                            |                          |
|               |                               | Operating Temperature                                                     | 0°C~ 40°C                                                                                                                  | 0°C~ 40°C                                                                                                                  | 0°C~ 40°C                                                                                                                  | 0°C~ 40°C                                                                                                                  |                          |
|               | Humidity                      | 10 ~ 80%, non-condensing                                                  | 10 ~ 80%, non-condensing                                                                                                   | 10 ~ 80%, non-condensing                                                                                                   | 10 ~ 80%, non-condensing                                                                                                   |                                                                                                                            |                          |
|               |                               | Key Orientation                                                           | Flip App                                                                                                                   | Flip App                                                                                                                   | Flip App                                                                                                                   | Flip App                                                                                                                   |                          |
| Feature       | H/W                           | Landscape/Portrait                                                        | Landscape/Portrait                                                                                                         | Landscape                                                                                                                  | Landscape                                                                                                                  |                                                                                                                            |                          |
|               |                               | Touch module (IR), Built in Speaker (15W*2CH), WiFi/BT Module Embedded    | Touch module (IR), Built in Speaker (15W*2CH), WiFi/BT Module Embedded                                                     | Touch module (IR), Built in Speaker (10W*4CH), WiFi/BT Module Embedded                                                     | Touch module (IR), Built in Speaker (10W*4CH), WiFi/BT Module Embedded                                                     |                                                                                                                            |                          |
|               | S/W                           | First screen                                                              | Flip Home                                                                                                                  | Flip Home                                                                                                                  | Flip Home                                                                                                                  | Flip Home                                                                                                                  |                          |
|               |                               | Apps                                                                      | Whiteboard, Brush, NoteOn, Document viewer, Image viewer, Web browser, Smartview*, Video player Workspace (RDP/VNC, MS365) | Whiteboard, Brush, NoteOn, Document viewer, Image viewer, Web browser, Smartview*, Video player Workspace (RDP/VNC, MS365) | Whiteboard, Brush, NoteOn, Document viewer, Image viewer, Web browser, Smartview*, Video player Workspace (RDP/VNC, MS365) | Whiteboard, Brush, NoteOn, Document viewer, Image viewer, Web browser, Smartview*, Video player Workspace (RDP/VNC, MS365) |                          |
|               |                               | WebRTC                                                                    | Yes                                                                                                                        | Yes                                                                                                                        | Yes                                                                                                                        | Yes                                                                                                                        |                          |
|               |                               | Upgradable web engine                                                     | Yes                                                                                                                        | Yes                                                                                                                        | Yes                                                                                                                        | Yes                                                                                                                        |                          |
|               |                               | SmartView+                                                                | Yes                                                                                                                        | Yes                                                                                                                        | Yes                                                                                                                        | Yes                                                                                                                        |                          |
|               |                               | Platform                                                                  | Tizen 9.0                                                                                                                  | Tizen 9.0                                                                                                                  | Tizen 9.0                                                                                                                  | Tizen 9.0                                                                                                                  |                          |
|               |                               | Processor                                                                 | CA76 Quad (1.7GHz)                                                                                                         | CA76 Quad (1.7GHz)                                                                                                         | CA76 Quad (1.7GHz)                                                                                                         | CA76 Quad (1.7GHz)                                                                                                         |                          |
|               |                               | Memory                                                                    | 8GB                                                                                                                        | 8GB                                                                                                                        | 8GB                                                                                                                        | 8GB                                                                                                                        |                          |
| Storage       | 64GB (54GB Available)         | 64GB (54GB Available)                                                     | 64GB (54GB Available)                                                                                                      | 64GB (54GB Available)                                                                                                      |                                                                                                                            |                                                                                                                            |                          |
| Certification | Safety                        | 60950-1/62368-1                                                           | 60950-1/62368-1                                                                                                            | 60950-1/62368-1                                                                                                            | 60950-1/62368-1                                                                                                            |                                                                                                                            |                          |
|               | EMC                           | Class A                                                                   | Class A                                                                                                                    | Class A                                                                                                                    | Class A                                                                                                                    |                                                                                                                            |                          |
|               | Environment                   | ENERGY STAR 8.0, EPEAT Silver                                             | ENERGY STAR 8.0, EPEAT Silver                                                                                              | ENERGY STAR 8.0, EPEAT Silver                                                                                              | ENERGY STAR 8.0, EPEAT Silver                                                                                              |                                                                                                                            |                          |
|               | Security                      | 802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP WPA3-Personal       | 802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP WPA3-Personal                                                        | 802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP WPA3-Personal                                                        | 802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP WPA3-Personal                                                        |                                                                                                                            |                          |
| Accessories   | Included                      | Power Cord, USB Upstream Cable (1ea), Pen (2ea, Gray White), Warranty/QSG | Power Cord, USB Upstream Cable (1ea), Pen (2ea, Gray White), Warranty/QSG                                                  | Power Cord, USB Upstream Cable (1ea), Pen (2ea, Gray White), Warranty/QSG                                                  | Power Cord, USB Upstream Cable (1ea), Pen (2ea, Gray White), Warranty/QSG                                                  |                                                                                                                            |                          |
|               |                               | Stand                                                                     | N/A                                                                                                                        | N/A                                                                                                                        | N/A                                                                                                                        | N/A                                                                                                                        |                          |
|               |                               | Optional                                                                  | STN-WM55R                                                                                                                  | (3rd party company stand can be supported through VESA)                                                                    | (3rd party company stand can be supported through VESA)                                                                    | (3rd party company stand can be supported through VESA)                                                                    |                          |
|               |                               | Mount                                                                     | WMN-42775F                                                                                                                 | WMN-6575SG                                                                                                                 | WMN6575SG                                                                                                                  | WMN8200SD                                                                                                                  |                          |
|               | OPS Mount                     | -                                                                         | -                                                                                                                          | -                                                                                                                          | -                                                                                                                          |                                                                                                                            |                          |
|               |                               | Tray                                                                      | CY-TF65BFC                                                                                                                 | CY-PBRK200                                                                                                                 | CY-PBRK200                                                                                                                 | CY-PBRK200                                                                                                                 |                          |

\* Certain specifications for the 75" and 85" models are preliminary and subject to change prior to final product release.

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Samsung Electronics Co., Ltd.  
129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677 Republic of Korea



\* Images simulated for illustrative purposes only

Samsung Flip  
WMFX series

Unlimited collaboration possibilities

Samsung Flip creates a meeting environment where ideas flow as soon as inspiration strikes. With instant writing on power-up, it works like a true whiteboard keeping discussions stay smooth and uninterrupted. Its intuitive home screen provides quick access to frequently used apps and tools, adapting naturally to any meeting style. Enhanced clarity and fluid interaction make it easier to express and share ideas with confidence. Designed to fit every workspace, Flip offers rotatable 55" and 65" models for flexible collaboration and slimmer 75" and 85" models with refined proportions that elevate modern meeting spaces. Protected by enterprise-grade Samsung Knox, Flip ensures every collaboration remains secure and reliable.

Key features



Natural & Precise Writing

Experience smooth, accurate pen performance with 26ms response time and 2,048 pressure levels. Every stroke feels natural, while flexible erasing keeps your creative flow uninterrupted.



Enhanced Whiteboard

Start writing instantly. Flip's enhanced whiteboard lets you edit, move, and resize notes freely — transforming handwriting and shapes into clean, professional visuals.



Easy Multitasking

Display multiple windows side-by-side to compare data, browse content, or take notes — all on one screen. Collaborate more efficiently without switching views.



Flip Home

Keep your favorite tools within reach. Flip Home puts Whiteboard, Note On, and Screen Share right on your customized toolbar for smoother, faster meetings.



Rotatable Design\*(55", 65") / Slim Design\*(75", 85")

Flip adapts to every workspace — rotatable 55" and 65" models enable flexible collaboration, while slimmer 75" and 85" models bring modern elegance to professional spaces.

\* Rotatable design available on 55" and 65" models only. The 43.5mm slim profile applies to 75" and 85" models only.



Samsung Knox Security

Powered by Samsung Knox, Flip safeguards every idea with multi-layered protection from boot-up to shutdown, ensuring worry-free collaboration.