

Interactive Display

Flip 3

Imagine a new era of learning



About Samsung Electronics Co., Ltd.

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, cameras, digital appliances, medical equipment, network systems, and semiconductor and LED solutions. For the latest news, please visit the Samsung Newsroom at news.samsung.com.

Smart Signage

For more information about Samsung Smart Signage WM75A Displays, visit www.samsung.com/business or www.samsung.com/displaysolutions

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What is Samsung Flip 3?

Samsung Flip 3 is a powerful education solution that delivers interactive learning experiences. Developed specifically for the education market, Flip 3 provides educators with boundless resources and flexibility to create engaging lessons for a new era of learning. Flip 3 features immersive touchscreen and input technologies, enabling simultaneous multi-user writing to provide increased involvement while learning. To get the most out of Flip 3's powerful hardware, students and teachers can access both trusted, embedded content or preferred third-party software. Samsung's latest technology enables secure environments, while faster hardware increases student engagement. Power seamless learning experiences for everyone with Samsung Flip 3.

How does Samsung Flip 3 transform the classroom?

Intuitive usability

- Upgrade • Multi-writing support up to 20 people
- Pen / Brush mode
- Limitless annotation
- Flexible image editing
- Versatile templates
- Content navigation
- Secure content protection

Advanced convenience

- Upgrade • Embedded educational solution
- Faster hardware
- Built-in document reader (MS Word, PowerPoint, Excel and Adobe PDF files)
- Web browser

Enhanced safety

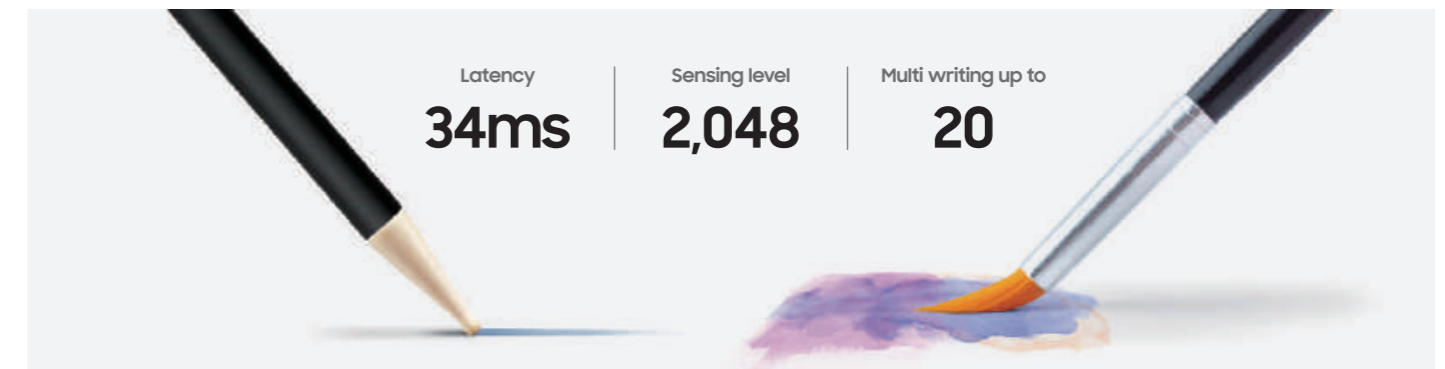
- Upgrade • Antimicrobial Coating
- Upgrade • Shatterproof protection

Easy sharing & presentation

- Versatile connection (HDMI, USB, DP, OPS slot)
- Screen share
- Touch out control
- Easy content distribution

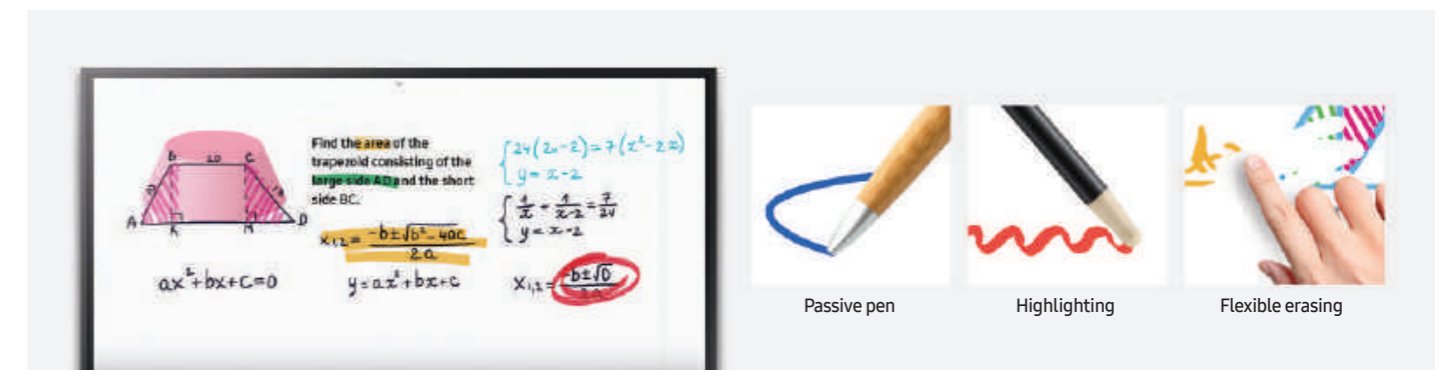
- HDMI
- USB
- DP
- OPS slot

Intuitive usability



Unlock creativity with immersive touch technology Upgrade

Ideate and create with interactive touchscreen technology. With support for up to 20 inputs at once, sketch out ideas with swift drawing speed at just 34ms of latency or paint with real-world accuracy with 2,048 points of pressure built directly into the display.



Create and solve without limits

Interactions are intuitively built for problem solving and creating. Use any object near you as a stylus to bring your ideas to life. Flip 3 distinguishes between inputs from thin or thick objects to simulate on-screen writing and highlighting. Or simply erase content with your finger or palm.

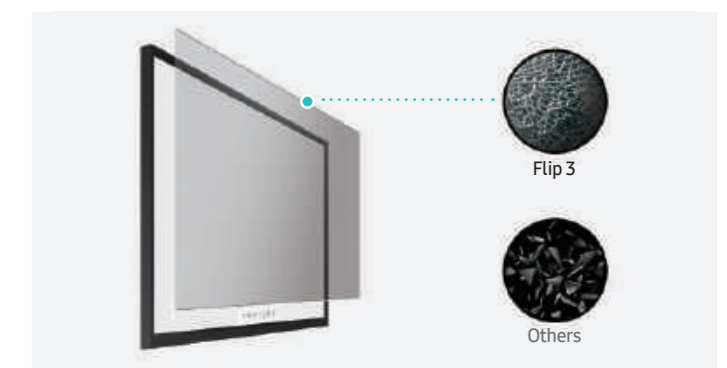
Enhanced safety



Keep the screen clean Upgrade

Thanks to an Antimicrobial Coating, Samsung Flip 3 inhibits microbial growth to help protect against certain bacteria. This enables teachers and students to stay focused on what's on the screen with peace of mind.

* To perform its antibacterial function, this product has been treated with the biocidal substance Zinc Pyrithione.
 * Antibacterial property does not completely protect users against bacteria and provides no protection against viruses including Covid-19.
 * Antimicrobial Coating is on surface of screen only and the effect may vary depending on conditions of use.
 * Antibacterial certification: UL2282 which is granted when the antibacterial effectiveness is more than 99%.
 (Test method: JIS Z 2801); after inoculation of 0.4cc of liquid with bacteria (Escherichia coli and Staphylococcus aureus) on specimen (5cm x 5cm), a sterilized film (4cm x 4cm) is adhered and left in a thermo-hygrostat with a relative humidity of 90% or more at 35°C for 24 hours, and then the efficiency of killing of the bacteria is measured / Test agency: FITI Test Research Institute)
 * For further details regarding regional restrictions on the antibacterial function, please refer to each country's Samsung.com website.



Minimize accidents and risks Upgrade

Samsung understands that accidents happen. To protect students and educators from injury, the Flip 3 screen is wrapped in a proprietary shatterproof film, ensuring the screen stays intact in the event of a break.

Advanced convenience



Explore trusted educational solutions [Upgrade](#)

Samsung partnered closely with Boxlight, a leading US education solution, to deliver fully optimized and innovative education software* directly to Flip 3. Now, educators can access Boxlight's extensive catalog of versatile learning content for hassle-free lesson planning.

*Accessible through a web browser shortcut. Full app availability available through a future software update.
* Requires Boxlight registration and subscription to use this service.



Faster operation for seamless interactions [Upgrade](#)

Power faster device interactions with less load time with 20% more memory (RAM). Or download and save more interactive content while enjoying consistent, reliable performance thanks to two times more storage capacity.

*When compared to Samsung Flip 2.



Connect multiple devices with ease

Flip 3 features multiple connectivity options, including USB, HDMI, DP, and OPS, as well as wireless screen sharing, to ensure educators can easily access their content from any device. Flip 3 automatically recognizes plugged-in sources, giving you control of your files and media quickly.

Easy sharing & presentation



Centralize lesson plans and school notifications

Use preferred third-party education solutions and connect to school information systems with the built-in OPS (Open Pluggable Specification) slot. Flip 3 is a centralized source for classroom learning and school-wide notifications such as principal announcements, weather alerts and fire drills.



Connect any device with ease

Flip 3 features multiple connectivity options, including USB, HDMI, DP, and OPS, as well as wireless screen sharing, to ensure educators can easily access their content from any device. Flip 3 automatically recognizes any plugged-in source, giving you control of your files and media quickly.

Specifications

| | | WM75A | |
|--------------------|---|---|--|
| Panel | Diagonal Size | 75" | |
| | Type | New edge, 60Hz | |
| | Resolution | 3,840 x 2,160(Landscape) | |
| | Brightness(Typ.) | 350cd/m2(Without glass) | |
| | Display Color | 16.7M | |
| | Viewing Angle(H/V) | 178 : 178 | |
| | Response Time(G-to-G) | 6ms(Typ.) | |
| Sound | Speaker Type | Built in speaker(10W x 2CH) | |
| Connectivity | Input | RGB | N/A |
| | | Video | HDMI 2(rear 1, front 1), DP1, OPS I/F |
| | | Audio | N/A |
| | | USB | 2(For SoC, rear/front), 2(For external 2.0 x 1/3.0 x 1(front)) |
| | Output | RGB | N/A |
| | | Video | HDMI 1(Screen share in front) |
| | | Audio | 1(Stereo mini jack) |
| | | Touch Out | Touch out 2(USB upstream type, front 1, rear 1) |
| | Internal | Sensor | N/A |
| | External | Control | Touch input RS232C thru stereo jack, RJ45(For MDC) |
| Touch | BT/WiFi | Yes(Keyboard/Mouse) | |
| | Type | IR | |
| | # of Drawing | 4 drawing(Internal) 20 drawing(External) | |
| | Touch Pen Type | Passive pen with magnet | |
| | Object Recognition Range | 2mm/4mm/8mm/50mm (Brush mode : Dynamic object recognition) | |
| | Haze | 8%-12% | |
| | Thickness | 3.2T | |
| | Hardness | Heat semi-strengthened glass | |
| | Additional Film | AG, Hydrophobic coated PET | |
| | Power | Power Consumption | Type |
| Power Supply | | | AC 100-240V 50/60Hz |
| Max[W/h] | | | 275 |
| Typical[W/h] | | | 115 |
| Rating[W/h] | | | 250 |
| Stand-by[W/h] | | | 0.5 |
| Mechanical Spec | Dimension(mm) (W x H x D) | Set | 1,721 x 1,019.3 x 75.2 mm |
| | | Package | 1,905 x 1,182 x 287 mm |
| | Weight (kg) | Set | 58.3 kg |
| | | Package | 71.7 kg |
| | Color | Charcoal black | |
| | VESA Mount | 400 x 400 | |
| | Protection Glass | Yes | |
| | Stand Type | Wall mount | |
| | Media Player Option Type | OPS slot support | |
| | Rotation | Landscape only | |
| Power Cable Length | 3M/2.4M(US) | | |
| Operation | Accessory | Power cord, USB upstream cable(2ea), Pen(2ea, Black), OPS box, Warranty/QSG | |
| | Operating Temperature | 0°C-40°C | |
| | Humidity | 10%-80%, non-condensing | |
| Feature | Key | Flip app | |
| | Orientation | Landscape | |
| | Special | H/W | Touch overlay(IR), Front connectivity, OPS I/F support(w/OPS Box) Built in speaker(10W x 2), WIFI/BT module embedded |
| | | S/W | Flip S/W |
| | Internal Player (Embedded H/W) | Platform | Muse-M(Tizen 6.0) |
| | | Processor | CA72 quad(1.7GHz) 2MB L2 |
| | | On-Chip Cache Memory | L2 : 2MB |
| | | Clock Speed | 1.7GHz CPU quad |
| | | Main Memory Interface | LPDDR4 1.6GHz 64bit 3.0GB |
| | | Graphics | GPU : MaliG51 MP4@760MHz |
| Storage | | 16GB | |
| IO Ports | | USB 2.0 | |
| Operating System | Tizen 6.0 : Samsung proprietary OS(VDLinux) | | |
| Certification | Security | 802.1x(WPA2 enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP | |
| Accessories | Included | Power cord, USB upstream cable(2ea), Pen(2ea, Black), OPS box, Warranty/QSG | |
| | Optional | Wall Mount Specialty | |