

# Interactive Display

## Flip 3

Imagine a new era of learning



### About Samsung Electronics Co., Ltd.

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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

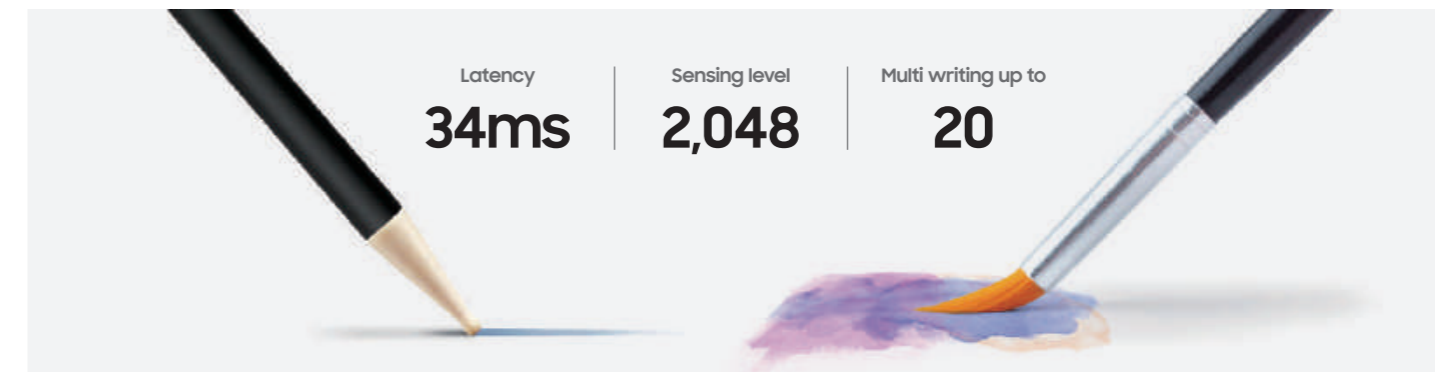
- Upgrade • Antimicrobial Coating
- Upgrade • Shatterproof protection

### Easy sharing & presentation

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

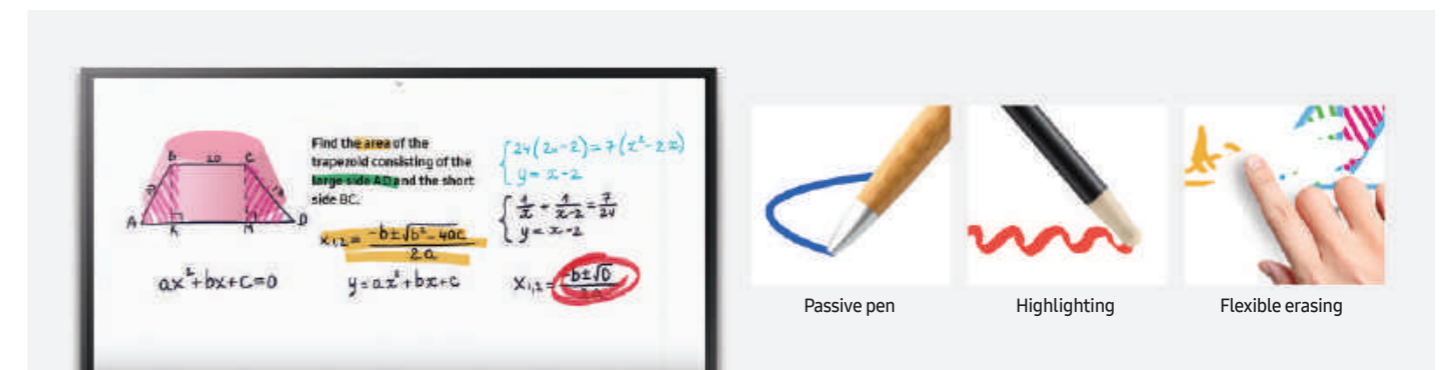
- HDMI
- USB
- DP
- OPS slot

## 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	