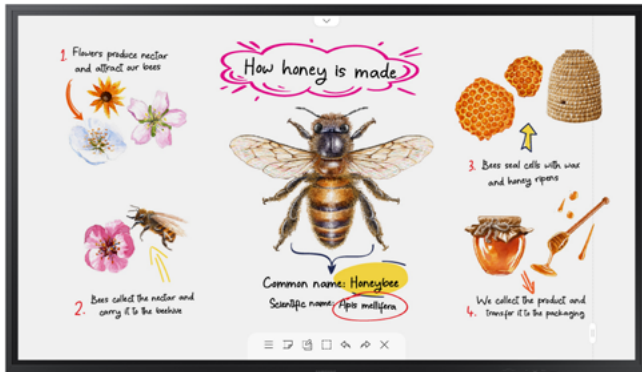


## Learning. Simplified.

Featuring 4K Ultra HD resolution and an advanced digital whiteboard, The Samsung Interactive display delivers incredible collaborative capabilities to engage students and inspire participation. With built in annotation capability, embedded browser, screen mirroring, and up to 20 touch points with a smooth pen to paper feel, content creation and sharing is quick and easy. The OPS slot allows for simple installation of an optional slot-in PC to run Windows OS. It transforms the Samsung Interactive Display into a customized tool for an even more powerful computing and an even greater interactive experience.



### Key Features and Benefits



#### Intuitive Interface with a natural writing experience

Easy-to-use navigation features with a fast and smooth pen to paper writing experience makes the Samsung Interactive Display suitable for virtually all ages.



#### Multiple users with multi-touch

Multiple users can annotate or draw simultaneously (up to 20 touch points). Students can write, solve math problems and draw pictures at the same time on the large, clear, 85" UHD display.



#### Annotate with ease

Students and teachers alike can annotate any document easily, then save, share and bring new ideas to life working together.



#### Transform your display with Open Pluggable Specification (OPS)

The OPS slot allows for simple installation of an OPS device to run Windows OS. It transforms the Samsung Interactive Display into a customized learning tool.



#### Surf the web with the touch of a finger

With an embedded web browser, searching the web becomes part of the lesson. Simply navigate to any site from the Samsung Interactive Display and bring your lesson to life.



#### 4K UHD ensures crisp, captivating lessons

Creativity and collaborations are stunningly displayed and brilliantly presented in ultra-high definition 4K resolution. Every detail of the lesson is visible and presented the way it was intended. Student engagement is enhanced and attention is increased.



#### Seamless learning from anywhere

The Samsung Interactive Display works seamlessly with MimioConnect® to enhance teaching and learning. MimioConnect combines innovative lesson building and instructional tools to create an active learning environment. Teachers and students can connect from anywhere, making this a perfect solution for distance, flipped or blended learning environments.

# Samsung Interactive Display Flip WM85R

		WM85R	
Panel	Diagonal Size	85"	
	Type	New Edge, 60Hz	
	Resolution	3,840 x 2,160 (Landscape)	
	Brightness (Typ.)	350 nits (220 nits with glass)	
	Contrast Ratio (Typ.)	4000:1	
	Viewing Angle (H / V)	178 / 178	
	Response Time (G-to-G)	6ms (Typ.)	
Panel Orientation	Landscape Only		
Sound	Speaker Type	Built in Speaker (10W x 2CH)	
Connectivity	Input	HDMI 2 (Rear1, Front 1), DP1, OPS I/F	
	Video	2 (Rear / Front), 2.0 / 3.0 External (Front)	
	Output	HDMI 1 (Screen Share in Front)	
	Audio	1 (Stereo Mini Jack)	
	Touch Out	Touch Out 2 (USB Upstream Type, Front 1, Rear1)	
External Control	Touch Input		
Wi-Fi / Bluetooth	WiFi/BT Module Embedded		
Touch	Type	IR	
	Number of Drawing	20 Touch Points	
	Touch Pen Type	Passive Pen with Magnet	
	Object Recognition Range	2mm/ 4mm / 8mm / 50mm (Brush Mode: Dynamic Object Recognition)	
Power	Type	Internal (Main 1ea, OPS 1ea)	
	Power Supply	AC100~240V 50/60Hz	
Power Consumption	Max (W/h)	418 (OPS 19V/3.7A)	
	Typical (W/h)	151	
	Rating (W/h)	380 (OPS 19V/3.7A)	
	Standby (W/h)	0.5	
	BTU (W/h)	1,425.38 (OPS 19V/3.7A)	
Mechanical	Dimensions	Set (W x H x D) 76.49" x 45.04" x 2.73" / 1942.8 x 1144.1 x 69.4mm Package (W x H x D) 84.09" x 51.61" x 10.24" / 2136 x 1311 x 260mm	
	Weight	Set 164.24 lbs. / 74.5 kg Package 201.72 lbs. / 91.5 kg	
	Color	Charcoal Black	
	VESA Mount	600 x 400mm	
	Protection Glass	Yes	
	Wall Mount	WMN8200SF	
	Stand Type	Wall Mount	
	Media Player Option Type	OPS Slot support	
	Rotation	Landscape only	
	Power Cable Length	3M	
Accessory	Power Cord, USB Upstream Cable (2), Pen (2, Black), OPS Box, Warranty / QSG		
Operation	Operating Temperature	32° - 104°F / 0°C - 40°C	
	Humidity	10 - 80%, non-condensing	
Feature	Key	Interactive Display App	
	Special	H/W	Touch Overlay (IR), Front Connectivity (Tray), OPS I/F Support (w/OPS Box) Built in Speaker (10W x 2), Wi-Fi / BT Module Embedded
		S/W	Interactive Display S/W
		Platform	Muse-M (Tizen 5.0)
	Internal Player (Embedded H/W)	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 2.5GB
		Graphics	GPU: MaliG51 MP4@760MHz
		Storage	8GB (2.65GB Occupied by O/S, 5.35GB Available)
IO Ports		USB 2.0	
Operating System	Tizen 5.0: Samsung Proprietary OS (VDLinux)		
Certification	Security	802.1x (WPA2 Enterprise): EAP-TLS, EAP-TTLS, EAP-PEAP	
Accessories	Included	Power Cord, USB Upstream Cable (2), Pen (2, Black), OPS Box, Warranty / QSG	
	Optional	Wall Mount WMN8200SF	



Learn More

[samsung.com/display](https://samsung.com/display) [samsung.com/business](https://samsung.com/business) [insights.samsung.com](https://insights.samsung.com)

Product Support

1-866-SAM4BIZ

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