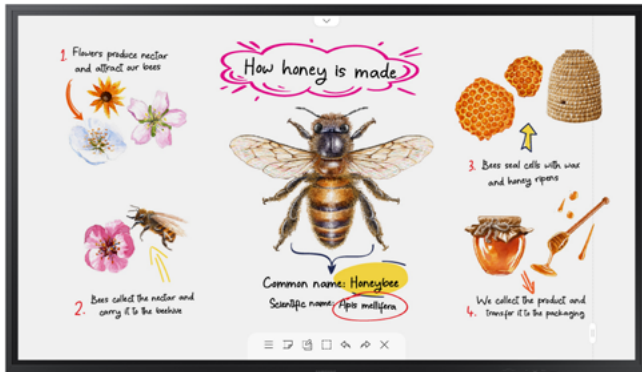


## Learning. Simplified.

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	Video	HDMI 2 (Rear1, Front 1), DP1, OPS I/F	
		USB	2 (Rear / Front), 2.0 / 3.0 External (Front)	
	Output	Video	HDMI 1 (Screen Share in Front)	
		Audio	1 (Stereo Mini Jack)	
	External Control	Touch Out 2 (USB Upstream Type, Front 1, Rear1)		
		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)	
	Touch Response Time		6.7ms	
Power	Type		Internal (Main 1ea, OPS 1ea)	
	Power Supply	Max (W/h)	AC100~240V 50/60Hz	
		Typical (W/h)	418 (OPS 19V/3.7A)	
	Power Consumption	Rating (W/h)		151
		Standby (W/h)		380 (OPS 19V/3.7A)
		BTU (W/h)		0.5
				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	
			Touch Overlay (IR), Front Connectivity (Tray), OPS I/F Support (w/OPS Box) Built in Speaker (10W x 2), Wi-Fi / BT Module Embedded	
	Special	H/W		Interactive Display S/W
		S/W		Muse-M (Tizen 5.0)
		Platform		CA72 Quad (1.7GHz) 2MB L2
	Internal Player (Embedded H/W)	Processor		L2: 2MB
		On-Chip Cache Memory		1.7GHz CPU Quad
		Clock Speed		LPDDR4 1.6GHz 64bit 2.5GB
		Main Memory Interface		GPU: MaliG51 MP4@760MHz
		Graphics		8GB (2.65GB Occupied by O/S, 5.35GB Available)
		Storage		USB 2.0
IO Ports			Tizen 5.0: Samsung Proprietary OS (VDLinux)	
Operating System			802.1x (WPA2 Enterprise): EAP-TLS, EAP-TTLS, EAP-PEAP	
Certification	Security		Power Cord, USB Upstream Cable (2), Pen (2, Black), OPS Box, Warranty / QSG	
Accessories	Included		WMN8200SF	
	Optional	Wall Mount		



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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