

Specifications

Model		EM13DX		
Display	Diagonal Size	class	13	
		Measured	13.3	
	Resolution	1,600 x 1,200(4:3)		
	Orientation	Landscape / Portrait		
	Reflectance	34% (Typ.)		
	Contrast Ratio (Typ.)	22:1 (Typ.)		
	Active Display Area (mm)	270.4 (H) x 202.8 (V)		
	Pixel Pitch (mm)	0.169 (H) x 0.169 (V)		
	Display Colors	77k	* Based on internal testing. Results may vary depending on test environments and/or standards.	
Operation Hour	24/7			
Connectivity	INPUT	Data	USB-C 2.0 x1 (Data Only)	
		Power	USB-C x1 (Power Only)	
	WiFi / BT	RJ45 to USB type-C PoE+ dongle compatible (Not included in the sales package)		
Mechanical Spec	Dimension (mm)	Set	305.2 x 237.6 x 17.9	
		Package	455 x 295 x 60	
	Weight (kg)	Set	0.8 (Excluding Battery) / 0.9 (Including Battery)	
		Package	1.8	
	VESA Mount (mm)	100 x 100		
	VESA Mount Screw (mm)	M4, 8-10		
Bezel Width (mm)	16.9 (U/B/L/R)			
Design	Bezel Color	Gray White		
Features	Internal Player	Operating System	Tizen 8.0	
		Storage	8 GB	
	Special	Supported File Format	JPEG, JPG, PNG, BMP (No Video Supported)	
		H/W	3 button (Power/Control/BT Pairing) 5 LED Indicator (Front : R/G/B/W, Rear : R) Kensington Lock Low Power Wi-Fi	
S/W	Samsung E-Paper Mobile App (Android/iOS) VXT Support			
Certification	Safety	60950-1 / 62368-1		
	EMC	Class A		
	IP Rating	IP5x		
Power	Power Supply	DC 9V, 25W		
Operating Condition	Temperature (°C)	0 ~ 40		
	Humidity (%)	30 ~ 70, non-condensing		
Accessories	Included	25W External USB-C Adapter USB-C Power Cable 4600mAh Li-ion Battery (Mounted on Device) Holder Rear x 2 / Hanging Bracket x 2 / Simple Stand x 2 Quick Setup Guide Warranty Card		

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* Images simulated for illustrative purposes only

Color E-Paper

EM13DX series

Paper to E-Paper, flexibility meets efficiency

Introducing the Color E-Paper EM13DX, Samsung's next-generation product featuring paper-thin, lightweight displays with ultra-low power consumption. Equipped with a built-in battery and supported by a mobile app, it delivers paperlike picture quality without requiring additional infrastructure, digitizing the traditional paper experience. Moreover, 45% of the EM13DX's housing materials are made from recycled plastics, and 10% are made from bio resin derived from plankton oil. Samsung 13" Color E-Paper is the world's first product to adopt this bio-based plastic that uses bio resin derived from plankton oil which has been verified by UL*. Its packaging — including the box, cushion and accessory box — is made entirely of paper.

* UL certified that Samsung 13" Color E-Paper's housing materials use bio-based plastic, 10% of which is composed bio resin derived from plankton oil.

Key features



Paper-thin Design

With a paper-thin depth of just 17.9mm, it enhances various business spaces with unmatched elegance and aesthetically pleasing design.

* The EM13DX series' packaging only includes rear holders (2), hanging brackets (2) and simple stands (2). Other accessories for installation must be purchased separately.



Versatile Placement with Embedded Battery

A dedicated embedded battery with USB Type-C support is included in the EM13DX series to deliver ultimate convenience with an easy-to-move, lightweight frame for effortless handling in indoor environments.

* The rechargeable battery included with the product is covered by 2-year warranty.



Energy Efficient Usage

Experience ultra-low power performance with Samsung Color E-Paper. Static images can even be displayed with zero watts* power, helping reduce unnecessary energy use without compromising reliability. A smart choice for power-conscious environments.

* Activities related to content refresh, content changes, or device monitoring and control will require additional power.
* Content refresh is essential and automatically performed when the power cable or battery is connected.
* Screen flickering during the refresh or image change is normal due to the characteristics of EPD technology.
* Images simulated for illustrative purposes only.



Samsung E-Paper App

Available on Android and iOS mobile devices, the dedicated Samsung E-Paper App allows users to easily control the EM13DX series locally.

* Samsung E-Paper App requires mobile device running Android 10 or later or iOS 15 or later.



Samsung VXT

The cloud-based Samsung VXT brings together content management and remote device management capabilities. Remotely manage hardware settings and troubleshoot issues while creating and deploying content effortlessly with no previous training needed.

* VXT must be purchased separately and the feature's availability may vary by region.
* Actual UI may differ and is subject to change without notice.