

Specifications

Model		EM32DX	
Display	Diagonal Size	32	
	Resolution	2,560 x 1,440(16:9)	
	Orientation	Landscape/Portrait	
	Active Display Area (mm)	696.32 (H) x 391.68 (V)	
	Pixel Pitch (mm)	0.272 x 0.272	
	Colors	6 colors (Red/Green/Blue/Yellow/White/Black) * Dithering for additional color support	
	Operation Hour	24/7	
Connectivity	INPUT	Data	USB-C 2.0 x 1 (Data Only)
		Power	USB-C x 1 (Power Only)
	WIFI / BT		RJ45 to USB type-C POE+ dongle compatible (Not included in the sales package)
Mechanical Spec	Dimension (mm)	Set	725.1 x 420.5 x 179
		Package	890 x 57 x 482
	Weight (kg)	Set	2.4 (Excluding Battery) / 2.5 (Including Battery)
		Package	4.4
	VESA Mount (mm)		200 x 200
	VESA Mount Screw (mm)		M4, 8-10
	Bezel Width (mm)		13.9 (U/B/L/R)
Bezel Color		Grey White	
Features	Internal Player	Operating System	Tizen 8.0
		Storage	8 GB
		Supported File Format	JPEG, JPG, PNG, BMP (No Video Supported)
	Special	H/W	3 button (Power/Control/BT Pairing) 3 LED Indicator (R/G/B) Kensington Lock
		S/W	Samsung E-Paper Mobile App (Android/iOS) VXT Support
Certification	Safety		60950-1 / 62368-1
	EMC		Class A
	IP Rating		IP5x
	Security		802.1x (WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP WPA3-Personal
Power	Power Supply	AC 100 - 240 V, 50/60 Hz	
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 Rear Holders(2) / Hanging Brackets(2) Quick Setup Guide Warranty Card	

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Color E-Paper

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2025-07

SAMSUNG



Color E-Paper

EMDX series

Paper to E-Paper, flexibility meets efficiency

Introducing the Color E-Paper EMDX series, 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, 55% of the EMDX series' housing materials are made from recycled plastics, while its entire packaging—including the box, cushion, handle, and accessory box—is crafted from 100% paper, helping to reduce environmental impact. Revolutionize your displays by digitizing the traditional paper experience.

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 EMDX series' packaging only includes rear holders (2) and hanging brackets (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 EMDX series to deliver ultimate convenience with an easy-to-move, lightweight frame for effortless handling in indoor environments.

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



Color Imaging Algorithm

With Samsung's display technology expertise, the EMDX series leverages advanced color imaging algorithm to analyze optimized content for paperlike visibility. Its reduced contour, smooth gradation, and enhanced colors can replace standard printouts like posters and point-of-purchase displays.

* EMDX series' color may gradually change from its initial state. This discoloration is a characteristic inherent to EPD technology.



Samsung E-Paper App

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

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



Samsung VXT

Samsung VXT combines content and remote device management, allowing you to effortlessly manage hardware settings and troubleshoot issues while creating and deploying content.

* Samsung VXT must be purchased separately.