

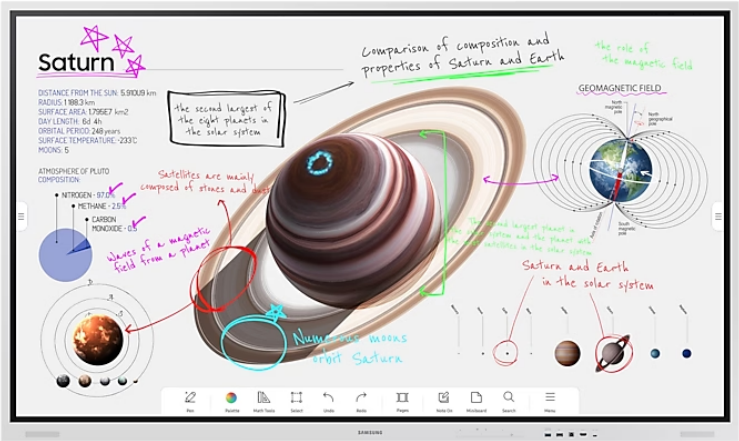
Flip Pro WM85B Interactive Display

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Flip Pro WM85B Interactive Display

LH85WMBWLGCXUE

0 (0)

- Unlimited learning possibilities.
- Better interaction with best-in-class multi-touch
- Bring ideas to life in an instant

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Available size

85"

Feedback

Flip Pro WM85B Interactive Display
85"

For Business

WHERE TO BUY

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Pen and brush mode

Passive Pen

Versatile connectivity

Unlimited learning possibilities.

As digitalization of education accelerates to enable impactful, interactive collaboration, Flip Pro gives educators the tools needed to deliver a new, advanced level of learning. With versatile connectivity, intelligent software and intuitive features, Flip Pro introduces the future of education.

**Better interaction with best-in-class
multi-touch**

Fast & multi-touch

Flip Pro delivers industry-best latency at just 26ms, with prediction logic applied to ensure a realistic, smooth drawing experience with 2,048 points of pressure built directly into the display to unlock creativity. Plus, Flip Pro enables multi-touch for up to 20 people for enhanced interactivity.

*When using single touch.

Bring ideas to life in an instant

Intuitive writing & drawing

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Stay connected from any source

Versatile connectivity

Flip Pro provides multiple connectivity options, including USB, HDMI, DP and OPS slot. Educators can easily connect any device to access content and display information on a larger screen, as well as connect to any network and other devices through LAN port and wireless screen-mirroring.

*Image simulated for illustrative purposes.

One single port for three functions

3-in-1 USB-C port

Connectivity is enhanced with 3-in-1 USB-C connectivity, enabling screen mirroring, touch control and external device charging(max. 65W). Educators can simply connect to the USB Type-C port, allowing them to deliver interactive and engaging lessons without any hassle.

* When compared to previous Flip models.

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Share with AirPlay 2

AirPlay2

Flip Pro is integrated with AirPlay 2, allowing educators and students to present on the big screen, increasing visibility and engagement in larger spaces. Creating a wireless dual display setup ensures no student misses out on important information for more collaborative interactions.

*Images & on-screen contents are simulated and for illustration purpose only.

Smart, wireless sharing from multiple from devices

SmartView+

With SmartView+, up to 50 devices can be simultaneously connected to the interactive display wirelessly, in addition to enabling multi-view on up to four screens. This cable-less screen sharing functionality is ideal for larger meeting rooms as well as digitized classrooms.

*Image simulated for illustrative purposes.

Use your favorite third-party education solutions

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*Sold separately.

Access whatever you need, from anywhere

Workspace

With Workspace secured by Knox, Flip Pro enables users to easily access remote PC, network drive and other third-party applications such as Office 365, VMWare, Boxlight MimioConnect*. This ensures efficiency from any location and an uninterrupted workflow for educators and students.

* Available apps may vary by region and require service subscription.

Optimize lesson planning with embedded learning solution

Boxlight MimioConnect*

Flip Pro offers the MimioConnect app, an online blended learning platform, providing an extensive catalog of versatile learning content available via Workspace. Samsung's partnership with leading US education solutions delivers innovative education software directly

* Requires Boxlight registration and subscription to use this service and the service availability varies by region.

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Collaborate with ease over video conferencing

Video call applications

Simple, seamless video conferencing is supported on Flip Pro based on the WebRTC (Real Time Communication) API, without the need for additional solution compatibility. Apps such as Google Duo* will be available to users with just a touch for easy, efficient collaboration.

*Google Duo compatibility available from Q2.

** Images & on-screen contents are simulated and for illustration purpose only.

***Webcam is sold separately

****Supported webcam(9 models) : Logitech C930e, C922, C922x, C925E, C920s, C920, C920-C, C930C, Logitech Stream Cam

Keep informed with remote management solution

Remote content push

Using Samsung's MagicINFO Remote Management solution, Flip Pro offers new functionality that pushes content, alerts and warnings from the school information system to the display, notifying teachers and students of important updates which can be pushed directly to Flip displays in every classroom.

* Requires MagicINFO license to use this service and SIS(School Information Service) should separately built and integrated with Magic INFO.

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Engage students in optimized learning environments

Advanced hardware

With a 4.0 Ch 40W speaker, made up of two front and back 10W speakers, Flip Pro ensures ample sound transmission. Plus, an ambient light sensor optimizes brightness according to external light conditions, while the Flip's upgraded RAM (3.5G) and storage (32GB) delivers powerful SoC performance



4CH. 40W
Speaker



Ambient
light sensor



Enhanced
RAM & Storage

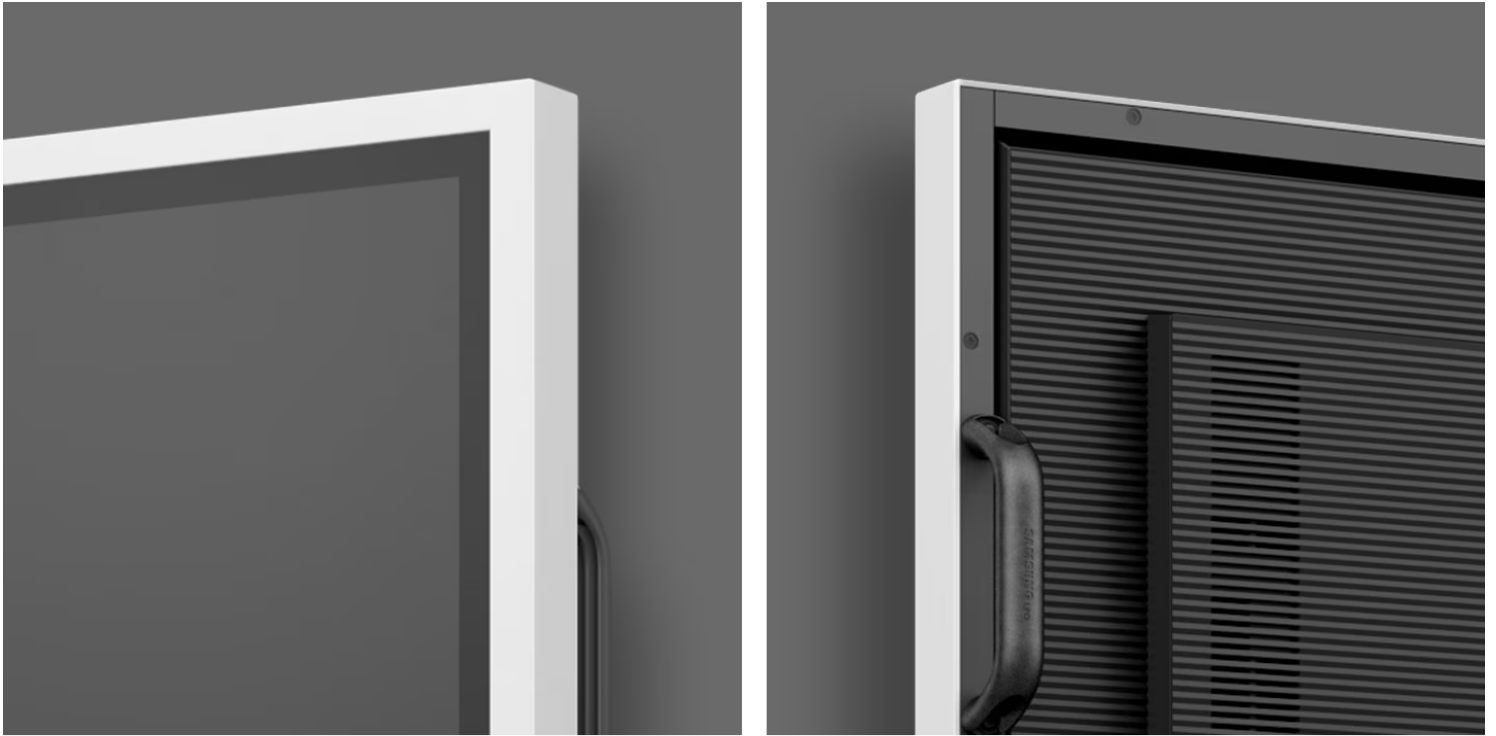


Carefully designed for comfortable use

Smart design

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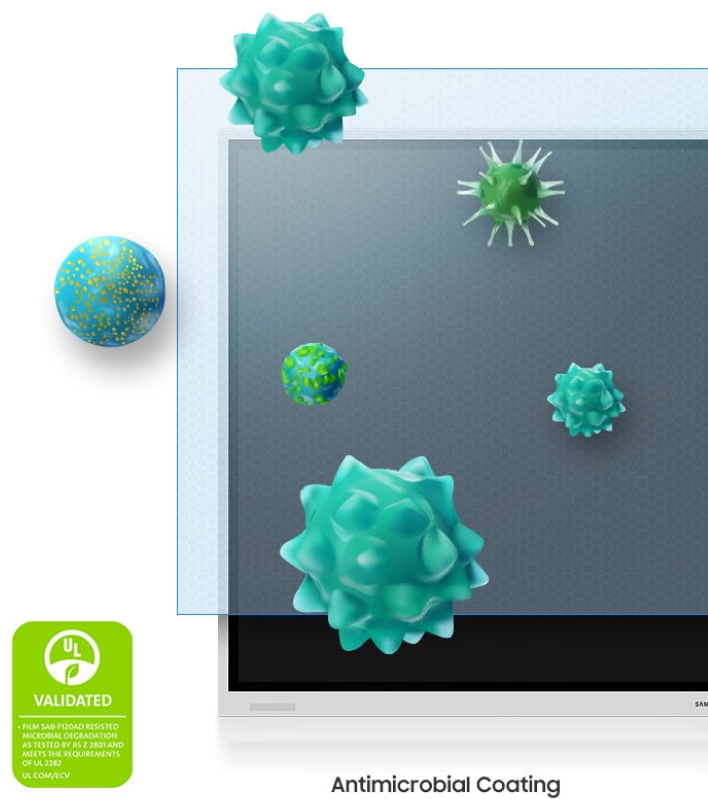
* Requires separate standing mount to move which must be purchased separately.

Clean screen and minimized damage risk

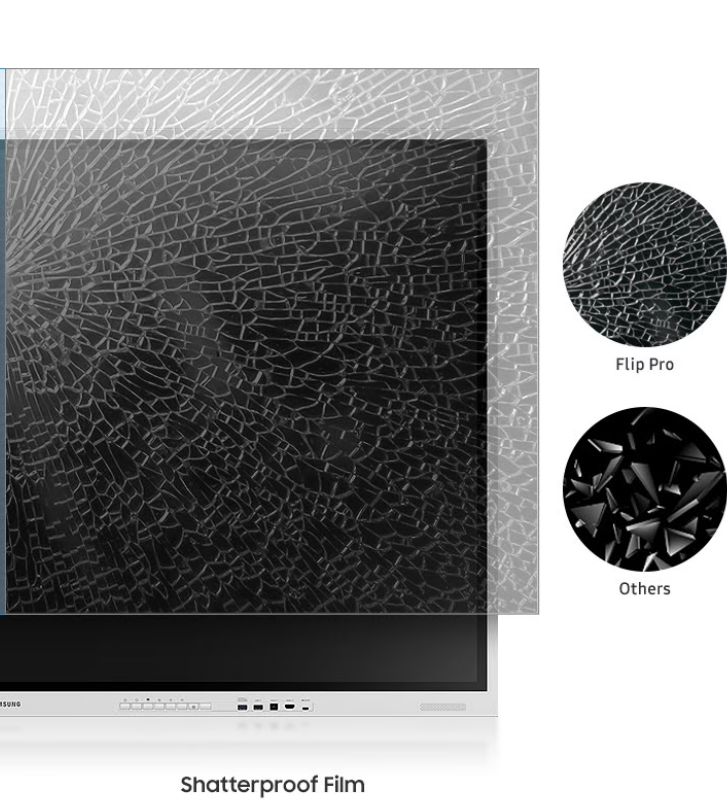
Protective screen technology

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Antimicrobial Coating



Shatterproof Film

* To perform its antibacterial function, this product has been treated with the biocidal substance Silver phosphate glass.
** Antibacterial property does not 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: KOTITI Testing & Research Institute)

Specifications

Display	Panel Type	Resolution	Response Time
85"	VA	3,840 x 2,160	8ms

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Resolution

3,840 x 2,160

Pixel Pitch (HxV, mm)

0.4875 x 0.4875

Brightness (Typ)

350 (w/o glass), 220 (w/glass)

Contrast Ratio

4000:1(without glass)

Viewing Angle (H/V)

178/178

Response Time

8ms

Color Gamut

72%

Glass Haze

2%(without glass)

H-Scanning Frequency

30~81khz

Maximum Pixel Frequency

594Mhz

V-Scanning Frequency

48~75hz

Operation Time Support

16/7

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2

1

Version of HDMI

2.0

Version of DP

1.2

Version of HDCP

2.2

USB

4 (A type : Front 2, Rear 1, C Type : Front 1)

Audio Out

Stereo Mini Jack

RS232 In

Yes

RJ45 In

Yes

WiFi

Yes

Bluetooth

Yes

Power

Power Supply

AC100-240V 50/60Hz

Power Consumption (On Mode, W)

528(100-240V), 506(220-240V), OPS(16V/4.5A)

Power Consumption (Sleep Mode, W)

0.5

Dimension

Set Dimension (WxHxD, mm)

1945.8 x 1151.1 x 89

Package Dimension (WxHxD, mm)

2136 x 1318 x 260

Weight

Set Weight (kg)

75.2

Package Weight

91.6

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0 °C~40 °C 10 ~ 80%, non-condensing

Mechanical Specification

VESA Mount (mm)	Bezel Width (mm)
600 x 400	20.4(T/LR), 44.7(B)
Frame Material	
Metal(Aluminum)	

Optional Feature

Touch	Mount
Yes	Yes(Model Name : WMN8200SF)

SoC

OS Version	Flash Memory Size
Tizen 6.5	32GB

Eco

Energy Efficiency Class
A+

Touch

Touch Technology
IR

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Compliance

Class A FCC (USA) Part 15, Subpart B	CB (Europe) : IEC60950-1/EN60950-
KCC/EK (Korea) Tuner : KN32 / KN35	1CCC (China) : GB4943.1-2011PSB
Tunerless : KN32 / KN35 CE (Europe)	(Singapore) : PSB+IEC60950-1NOM
EN55032 : 2012 or 2015	(Mexico) : NOM-001-SCFI-1993IRAM
EN55024:2010 or EN 55035:2017	(Argentina) : IRAM+IEC60950-1SASO
VCCI (Japan) VCCI CISPR32:2016	(Saudi Arabia) : SASO+IEC60950-
CCC(China) GB/T9254-2008	1BIS(India) : IEC60950-1 /
GB17625.1-2012 BSMI (Taiwan)	IS13252NOM(Mexico) : Tuner : NOM-
CNS13438 (ITE EMI) CNS14336-1 (ITE	001-SCFI-1993 Tunerless : NOM-019-
Safety) CNS15663 (RoHS) C-Tick	SCFI-1998KC(Korea) : K 60950-
(Australia) AS/NZS CISPR32:2015	1EAC(Russia) : EAC+IEC60950-
GOST(Russia/CIS) ROCT CISPR 24-	1INMETRO(Brazil) :
2013 ROCT CISPR 22:2005	INMETRO+IEC60950-1BSMI(Taiwan) :
	BSMI+IEC60950-1RCM(Australia) :
	IEC60950-1/AS/NZS 60950-1UL(USA) :
	cUL60950

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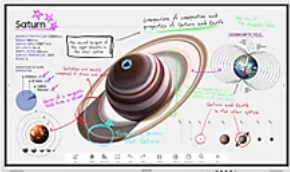


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