Procure

Powered By Choice, Driven By You.

Engage with and cater to customers at a higher level.

PMF-BC Series Touchscreen Smart Signage

Engage more people with impactful, attention-getting Samsung PMF-BC Series touchscreen signage displays. These durable all-in-one solutions feature an IP5X rating, making the PMF-BC Series ideal for self-serve menus in QSRs, for wayfinding in transportation centers, in retail locations, and for interactivity in conference rooms and other collaborative environments. With the powerful Tizen OS integrated into a Full HD Samsung commercial display, you can deliver rich content without the need for external devices. Samsung PMF-BC Series displays are a complete solution designed to engage and empower everyone who sees and touches them.

Digital Display Store
https://www.digitaldisplaystore.com/
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Key Features

All-in-One Solution Powered by Tizen OS
The Samsung PMF-BC Series combines an embedded media player, powerful Tizen OS, multi-touch interactivity, and premium Full HD Samsung displays into integrated all-in-one solutions. With the Samsung Smart Signage Platform 4.0, there's no need for an external set-back box or PC.

Multi-Point Capacitive Touch
With capacitive touch technology and a simplified UX, the PMF-BC Series can accommodate up to 10 unique touchpoints simultaneously.[1]

Bright, Non-Glare Panels Make Messages Easier to See
Brightness of 400 nits (55"/43") and 320 nits (32") delivers brilliant visibility, while 55" and 43" panels add non-glare, anti-reflective panels that reduce reflection and are easy to read.

IP5X for Lasting Durability
PMF-BC Series signage panels are rated IP5X dust-free for long-lasting, trouble-free operation without any additional housing.

Convenient Control with a Centralized IR Receiver
Control content easier with an intelligently designed IR receiver. Instead of a single point of reception, PMF-BC Series displays receive IR signals across their entire panels, making remote content control much easier and more reliable.

24/7 Runtime for Reliable, Continuous Operation
Commercial-level cooling technologies offer dependable reliability. The Samsung PMF-BC Series 55"/43" is designed to deliver messages all day and all night, while the 32" model delivers 16/7 runtime.

Contact Us: samsung.com/b2bdigitalsignage

Samsung PMF-BC Series
All-In-One Touchscreen Displays

		PM32F-BC	PM43F-BC	PM55F-BC
Panel	Diagonal Size	32"	43"	55"
	Type	60Hz E-LED BLU	60Hz E-LED BLU	60Hz E-LED BLU
	Resolution / Pixel Pitch (mm)	1920 x 1080 (16:9) / 0.360 (H) x 0.360 (V)	1920 x 1080 (16:9) / 0.49 (H) x 0.49 (V)	1920 x 1080 (16:9) / 0.630 (H) x 0.630 (V)
	Brightness (Typ.)	320 nits (with Touch Glass)	400 nits (with Touch Glass)	400 nits (with Touch Glass)
	Contrast Ratio (Typ.)	5000:1	3000:1	4000:1
	Viewing Angle (H / V)	178/178	178/178	178/178
	Response Time (G-to-G)	8ms	8ms	6ms
	Orientation	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait
	Operation Hour	16/7	24/7	24/7
	Anti Reflective	N/A	44%	25%
Sound	Speaker Type	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)
Connectivity	Input — RGB	DVI-I (D-Sub Common), DisplayPort 1.2 (1)	DVI-I (D-Sub Common), DisplayPort 1.2 (1)	DVI-I (D-Sub Common), DisplayPort 1.2
	Input — Video	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)
	Input — HDCP	HDCP 2.2	HDCP 2.2	HDCP 2.2
	Input — Audio	Stereo Mini Jack, RGB / DVI / HDMI	Stereo Mini Jack, RGB / DVI / HDMI	Stereo Mini Jack, RGB / DVI / HDMI
	Input — USB	USB 2.0 x 2 (1 Used for Touch)	USB 2.0 x 2 (1 Used for Touch)	USB 2.0 x 2 (1 Used for Touch)
	Output — RGB	DP1.2 (Loop-Out)	DP1.2 (Loop-Out)	DP1.2 (Loop-Out)
	Output — Audio	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack
	Output — USB	USB Type-B x 2 (Touch Sensor Data, PC 1 / SoC 1)	USB Type-B x 2 (Touch Sensor Data, PC 1 / SoC 1)	USB Type-B x 2 (Touch Sensor Data, PC 1 / SoC 1)
	External Control	RS232C (In / Out) Thru Stereo Jack, RJ45	RS232C (In / Out) Thru Stereo Jack, RJ45	RS232C (In / Out) Thru Stereo Jack, RJ45
	Tuner	Yes	Yes	Yes
Power	Type	Internal	Internal	Internal
	Power Supply	AC 100 ~ 240 V, 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V (+/- 10 %), 50/60 Hz
	Power Consumption — Max (W / H)	90	154	187
	Power Consumption — Typical (W / H)	306.9	117	125
	Power Consumption — Sleep Mode	< 0.5W	< 0.5W	< 0.5W
	Power Consumption — Off Mode	< 0.5W	< 0.5W	< 0.5W
Mechanical Specs.	Dimensions (Inches) — Set (W x H x D)	29.3" x 17.3" x 2.4"	38.74" x 22.93" x 2.47"	49.1" x 28.8" x 2.3"
	Dimensions (Inches) — Package (W x H x D)	31.3" x 19.0" x 5.2"	43.19" x 28.39" x 6.34"	54.1" x 34.0" x 79"
	Weight — Set	19.6 lbs.	35.05 lbs.	58.2 lbs.
	Weight — Package	22.7 lbs.	43.65 lbs.	70.5 lbs.
	Bezel Width (Top / Side / Bottom)	21.9 / 21.9 / 21.9 (mm)	25.0 / 20.0 / 25.0	25.0 / 179 / 25.0 (mm)
	VESA Mount	200 x 200 (mm)	200 x 200 (mm)	400 x 400 (mm)
	Bezel Width (Top / Side / Bottom)	21.9 / 21.9 / 21.9 (mm)	21.9 / 21.9 / 21.9 (mm)	25.0 / 179 / 25.0 (mm)
	VESA Mount	200 x 200	200 x 200	400 x 400
	Protection Glass	3.2T Semi-Tempered Touch Glass	3.2T Semi-Tempered Touch Glass	3.2T Semi-Tempered Touch Glass
	Stand Type	Foot Stand (Optional)	Foot Stand (Optional)	Foot Stand (Optional)
Environmental Conditions	Operating Temperature	0°F to 104°F	0°F to 104°F	0°F to 104°F
	Operating Humidity	10 ~ 80%	10 ~ 80%	10 ~ 80%
Features	Special — Hardware	Non-Glare Touch Panel, Temperature Sensor, Videowall (15 x 15 [OSD]), Videowall Daisy Chain (16), Pivot Display, Clock Battery (168 hrs. Clock Keeping), Built in Speaker (10W x 2), Wi-Fi Module Embedded, Tuner (Only for NA), Center IR	Non-Glare Touch Panel, Temperature Sensor, Videowall (15 x 15 [OSD]), Videowall Daisy Chain (16), Pivot Display, Clock Battery (168 hrs. Clock Keeping), Built in Speaker (10W x 2), Wi-Fi Module Embedded, Tuner (Only for NA), Center IR	Non-Glare Touch Panel, Temperature Sensor, Videowall (15 x 15 [OSD]), Videowall Daisy Chain (16), Pivot Display, Clock Battery (168 hrs. Clock Keeping), Built in Speaker (10W x 2), Wi-Fi Module Embedded, Tuner (Only for NA), Center IR
	Special — Software	Magic Clone (to USB), Auto Source Switching and Recovery, RS232C / RJ45 MDC, Plug and Play, PIP / PBP (Only for NA), Image Rotation, Button Lock, DP1.2 Digital Daisy Chain (HDCP Support), Firmware Update by Network, New Home Screen, PC-less Videowall, Multi Channel, Mobile Control, Event Schedule, Backup Player	Magic Clone (to USB), Auto Source Switching and Recovery, RS232C / RJ45 MDC, Plug and Play, PIP / PBP (Only for NA), Image Rotation, Button Lock, DP1.2 Digital Daisy Chain (HDCP Support), Firmware Update by Network, New Home Screen, PC-less Videowall, Multi Channel, Mobile Control, Event Schedule, Backup Player	Magic Clone (to USB), Auto Source Switching and Recovery, RS232C / RJ45 MDC, Plug and Play, PIP / PBP (Only for NA), Image Rotation, Button Lock, DP1.2 Digital Daisy Chain (HDCP Support), Firmware Update by Network, New Home Screen, PC-less Videowall, Multi Channel, Mobile Control, Event Schedule, Backup Player
	Internal Player (Embedded H/W) — Processor	Cortex-A12 1.3GHz Quad Core CPU	Cortex-A12 1.3GHz Quad Core CPU	Cortex-A12 1.3GHz Quad Core CPU
	On-Chip Cache Memory	L1 (I/D): 32KB / 32KB L2 (Unified): 1MB	L1 (I/D): 32KB / 32KB L2 (Unified): 1MB	L1 (I/D): 32KB / 32KB L2 (Unified): 1MB
	Clock Speed	1.3GHz CPU Quad	1.3GHz CPU Quad	1.3GHz CPU Quad
	Main Memory Interface	2.5GB 3 Channel 96 bit DDR3-933 (1866MHz)	2.5GB 3 Channel 96 bit DDR3-933 (1866MHz)	2.5GB 3 Channel 96 bit DDR3-933 (1866MHz)
	Graphics	2D & 3D Graphics Engine - Up to 3840 x 2160p 32bpp - Supports OpenGL ES	2D & 3D Graphics Engine - Up to 3840 x 2160p 32bpp - Supports OpenGL ES	2D & 3D Graphics Engine - Up to 3840 x 2160p 32bpp - Supports OpenGL ES
	Storage (FDM)	8 GB (3.75 GB Occupied by O/S, 4.25 GB Available)	8 GB (3.75 GB Occupied by O/S, 4.25 GB Available)	8 GB (3.75 GB Occupied by O/S, 4.25 GB Available)
	Multimedia	Video Decoder - MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC - VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 Audio DSP (Decoder) - AC3 (DD), MPEG, DTS	Video Decoder - MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC - VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 Audio DSP (Decoder) - AC3 (DD), MPEG, DTS	Video Decoder - MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC - VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 Audio DSP (Decoder) - AC3 (DD), MPEG, DTS
	IO Ports	USB 2.0	USB 2.0	USB 2.0
	Operating System	Tizen 2.4 (VDLinux)	Tizen 2.4 (VDLinux)	Tizen 2.4 (VDLinux)
Green Management	Safety	UL (USA): cUL60950-1	UL (USA): cUL60950-1	UL (USA): cUL60950-1
	EMC	FCC (USA) Part 15, Subpart B Class A	FCC (USA) Part 15, Subpart B Class A	FCC (USA) Part 15, Subpart B Class A
Accessories	Included	Quick Setup Guide, Regulatory Guide , Warranty Card, Power Cord, Remote Controller, Batteries, RS232C (IN) Gender, Cover Jack, USB Cable	Quick Setup Guide, Regulatory Guide , Warranty Card, Power Cord, Remote Controller, Batteries, RS232C (IN) Gender, Cover Jack, USB Cable	Quick Setup Guide, Regulatory Guide , Warranty Card, Power Cord, Remote Controller, Batteries, RS232C (IN) Gender, Cover Jack, USB Cable
	Optional — Stand	STN-L3240E	STN-L3240E	STN-L4655E
	Optional — Mount	WMN4070SD	WMN4070SD, WMN4070SE	WMN4270SD
	Optional — Specialty	CML400XJ	CML400XJ	N/A
	Optional — Media Player	SBB	SBB	SBB
Service	Standard Warranty	3 Years Onsite (Parts / Labor / Backlight)	3 Years Onsite (Parts / Labor / Backlight)	3 Years Onsite (Parts / Labor / Backlight)

Connectivity

1. USB 1
2. USB 2
3. RS232C In
4. RS232C Out
5. Audio In
6. Audio Out
7. HDMI 1
8. HDMI 2
9. DVI / RGB / MagicInfo In
10. DP In
11. DP Out
12. Antenna In
13. RJ45