

32.0"	PM32F-BC
43.0"	PM43F-BC
55.0"	PM55F-BC



## 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/>  
 855-958-0757  
 Sales@DigitalDisplayStore

### 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!



#### 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.

# 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	25%	
	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	
		Video	HDMI 2.0 (2)	HDMI 2.0 (2)	
		HDCP	HDCP 2.2	HDCP 2.2	
		Audio	Stereo Mini Jack, RGB / DVI / HDMI	Stereo Mini Jack, RGB / DVI / HDMI	
	Output	USB	USB 2.0 x 2 (1 Used for Touch)	USB 2.0 x 2 (1 Used for Touch)	
		DP1.2 (Loop-Out)	DP1.2 (Loop-Out)	DP1.2 (Loop-Out)	
External Control	Audio	Stereo Mini Jack	Stereo Mini Jack		
	USB	USB Type-B x 2 (Touch Sensor Data, PC1 / SoC1)	USB Type-B x 2 (Touch Sensor Data, PC1 / SoC1)		
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
		Typical (W / H)	306.9	117	125
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"
		Package (W x H x D)	31.3" x 19.0" x 5.2"	43.19" x 28.59" x 6.34"	54.1" x 34.0" x 7.9"
	Weight	Set	19.6 lbs.	35.05 lbs.	58.2 lbs.
		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 / 17.9 / 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 / 17.9 / 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
		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	2.5GB	2.5GB
		Graphics	3 Channel 96 bit DDR3-933 (1866MHz) 2D & 3D Graphics Engine - Up to 3840 x 2160p 32bpp - Supports OpenGL ES	3 Channel 96 bit DDR3-933 (1866MHz) 2D & 3D Graphics Engine - Up to 3840 x 2160p 32bpp - Supports OpenGL ES	3 Channel 96 bit DDR3-933 (1866MHz) 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)
		Video Decoder	- MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC	- MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC	- MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC
		Multimedia	- VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 Audio DSP (Decoder) - AC3 (DD), MPEG, DTS	- VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 Audio DSP (Decoder) - AC3 (DD), MPEG, DTS	- 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	
		Mount	WMN4070SD	WMN4070SE	
Specialty	CML400XJ	CML400XJ	N/A		
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      | 5. Audio In  | 9. DVI / RGB / MagicInfo In | 12. Antenna In |
| 2. USB 2      | 6. Audio Out | 10. DP In                   | 13. RJ45       |
| 3. RS232C In  | 7. HDMI 1    | 11. DP Out                  |                |
| 4. RS232C Out | 8. HDMI 2    |                             |                |



## Learn More

[samsung.com/quick-setup](http://samsung.com/quick-setup) [insights.samsung.com](http://insights.samsung.com) [samsung.com/b2bdigital signage](http://samsung.com/b2bdigital signage)

## Product Support

1-866-SAM4BIZ

## Follow Us

[youtube.com/samsungbizusa](https://www.youtube.com/samsungbizusa) [@SamsungBizUSA](https://twitter.com/SamsungBizUSA)

**DigitalDisplayStore**  
Samsung Authorized Online Reseller

**SAMSUNG**