



Elevate your message and brand, brilliantly and affordably.

DB-J Series 43"/49" Commercial LED Displays

There's no easier way to elevate your brand and deliver more impactful messages than with Samsung digital signage. And with the DB-J Series, it's affordable, as well. Ideal for virtually any business that wants its messages to be noticed, the DB-J Series delivers rich, detailed, Full HD images that demand attention. Samsung Smart Signage platform 5.0 with Tizen 3.0 OS delivers a powerful, all-in-one signage solution, with no separate PC or set-back box required. With the integrated media player and multiple inputs, you'll have flexible content options. Reach your audience in new and affordable ways, with the DB-J Series from Samsung.



Key Features



All-in-One Smart Signage Solution

The Samsung Smart Signage platform 5.0 backed by the Tizen 3.0 OS delivers a powerful, all-in-one signage solution. Combined with an integrated media player and 1.7GHz quad-core CPU, there's no external set-back box or PC required.



Fits Any Budget

The DB-J series is an affordable 43" and 49" commercial-grade edge-lit LED digital signage solution. Impactful and flexible messaging is within reach of every business.



Full HD for Sharp, Captivating Messages

Deliver all the detail with an edge-lit LED panel that features 1920 x 1080 Full HD resolution, 300 nits brightness and 3,000:1 contrast ratio. Images and type will be crisp and clear.



Reliable 16/7 Operation

Samsung commercial displays are designed from the chassis up to deliver the highest quality images with exceptional reliability. Unlike home TVs, they're designed specifically for long hours of continuous use, and they're backed by a 3-year onsite warranty.



Built-In Tuner

The DB-J Series displays include an embedded tuner, for local tuning of TV content.

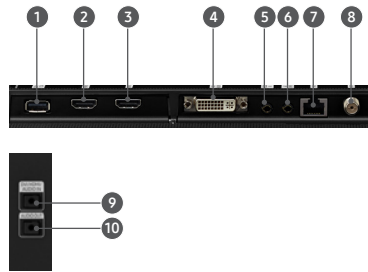
Samsung DB-J Series Commercial LED LCD Displays



		DB43J	DB49J	
Panel	Diagonal Size	43"	49"	
	Type	60Hz D-LED BLU	60Hz D-LED BLU	
	Resolution	1920 x 1080 (16:9)	1920 x 1080 (16:9)	
	Active Display Area (mm)	940.89 (H) x 529.25 (V)	1073.78 (H) x 604.00 (V)	
	Brightness (Typ.)	300 nits	300 nits	
	Contrast Ratio (Typ.)	3000:1	3000:1	
	Viewing Angle (H / V)	178:178	178:178	
	Response Time (G-to-G)	8ms	8ms	
	Operation Hour	16/7	16/7	
	Haze	2%	2%	
Sound	Speaker Type	Built-in Speaker (10W + 10W)	Built-in Speaker (10W + 10W)	
Connectivity	Input	Video	HDMI 1.4 (2), DVI-D	HDMI 1.4 (2), DVI-D
		HDCP	HDCP 2.2	HDCP 2.2
		Audio	Stereo Mini Jack, DVI / HDMI / Audio (Common)	Stereo Mini Jack, DVI / HDMI / Audio (Common)
		USB	USB 2.0 x 1	USB 2.0 x 1
	Output	Audio	Stereo Mini Jack	Stereo Mini Jack
	External Control	RS232C (In / Out) thru Stereo Jack, RJ45	RS232C (In / Out) thru Stereo Jack, RJ45	
	External Sensor	IR	IR	
Tuner	Yes	Yes		
Power	Type	Internal	Internal	
	Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	
	Power Consumption	Max [W / H]	99W	121W
		Typical [W / H]	38W	42W
		Sleep Mode	<0.5W	<0.5W
Off Mode	0.0W	0.0W		
Dimensions	Set	38.79" x 22.62" x 2.89"	44.04" x 25.6" x 2.92"	
	Package	43.27" x 36.46" x 6.14"	48.66" x 29.53" x 6.34"	
	Bezel Width (mm)	17.3 (Top), 18.3 (Bottom), 21.3 (Side)	17.4 (Top), 18.5 (Bottom), 21.5 (Side)	
Weight	Set	17.42 lbs	22.49 lbs	
	Package	25.57 lbs	32.63 lbs	
Features	VESA Mount	200 x 200mm	200 x 200mm	
	Key	Light Signage with Built-in MagicInfo S5, SSSP 5.0	Light Signage with Built-in MagicInfo S5, SSSP 5.0	
	Special	Hardware	Super Clear Coating, Temperature Sensor, Pivot Display, Button Lock, Clock Battery (168 hrs. Clock Keeping), Built in Speaker (10W x 2)	Super Clear Coating, Temperature Sensor, Pivot Display, Button Lock, Clock Battery (168 hrs. Clock Keeping), Built in Speaker (10W x 2)
		Software	Auto Source Switching & Recovery, RS232C / RJ45 MDC, Plug and Play (DDC2B), Built In MagicInfo S5, Firmware Update by Network	Auto Source Switching & Recovery, RS232C / RJ45 MDC, Plug and Play (DDC2B), Built In MagicInfo S5, Firmware Update by Network
	Processor	Coretex A72 1.7GHz Quad-Core CPU	Coretex A72 1.7GHz Quad-Core CPU	
	On-Chip Cache Memory	L1 Instruction Cache: 48KB, L1 Data Cache: 32KB, L2 Cache: 2MB	L1 Instruction Cache: 48KB, L1 Data Cache: 32KB, L2 Cache: 2MB	
	Clock Speed	1.7GHz Quad-Core CPU	1.7GHz Quad-Core CPU	
	Main Memory Interface	3GB, 3ch 64bit LPDDR4 1.6GHz	3GB, 3ch 64bit LPDDR4 1.6GHz	
	Graphics	2D & 3D Graphic Accelerator Data Format: 32bpp, Output resolution: 3840 x 2160p	2D & 3D Graphic Accelerator Data Format: 32bpp, Output resolution: 3840 x 2160p	
	Storage (FDM)	8GB, (3.88GB Occupied by O/S, 4.12GB Available)	8GB, (3.88GB Occupied by O/S, 4.12GB Available)	
Internal Player (Embedded H/W)	Multimedia	Video Decoder	Video Decoder	
		- MPEG 1/2/4, H.263, H.264/AVC	- MPEG 1/2/4, H.263, H.264/AVC	
	- UHD H.264/AVC, VC-1, AVS/AVS+, MVC	- UHD H.264/AVC, VC-1, AVS/AVS+, MVC		
	- VP8, VP9, HEVC, JPEG	- VP8, VP9, HEVC, JPEG		
Audio DSP(Decoder)	Audio DSP(Decoder)			
- MPEG, AC3, AC4, DD, MP3 and etc.	- MPEG, AC3, AC4, DD, MP3 and etc.			
IO Ports	USB 2.0	USB 2.0		
Operating System	Tizen 3.0 (VDLinux)	Tizen 3.0 (VDLinux)		
Environmental Conditions	Operating Temperature	0°C - 40°C	0°C - 40°C	
	Operating Humidity	10-80%	10-80%	
Certification	Safety	UL cUL60950-1	UL cUL60950-1	
	EMC	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) Adapter	Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries, RS232C (IN) Adapter	
	Optional	Stand	STN-L3240E	STN-L3240E
		Mount	WMN4070SE	WMN4070SE
Media Player	SBB	SBB		
Service	Standard Warranty	3 Years Onsite (Parts / Labor / Backlight)	3 Years Onsite (Parts / Labor / Backlight)	

Connectivity

1. USB (1.0A)
2. HDMI In 1
3. HDMI In 2
4. DVI / MagicInfo In
5. RS232C In
6. AV / Component In
7. RJ45
8. Antenna In
9. DVI / HDMI / Audio In
10. Audio Out



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