



DB32E | DB40E | DB48E | DB55E

Increase your message's impact while keeping your CFO happy

DB-E 32"/40"/48"/55" Commercial LED LCD Displays

Take advantage of every opportunity to increase your visibility and impact. The Samsung DB-E Series commercial displays offer one such opportunity. Available in 32", 40", 48" and 55", these highly reliable and highly cost-efficient displays are ideal for retail environments, quick service restaurants, meeting rooms, public spaces and more. Full HD screens deliver rich and detailed imagery, multiple inputs offer flexible content options, and there's an opportunity to save even more with the all-in-one PC-less SMART Signage Platform. Impact with cost-efficiency. The Samsung DB-E Series.

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Key Features

Enhanced System-on-Chip Performance with Quad-Core CPU



Powered by a System-on-Chip semiconductor and 1GHz quad-core CPU, and featuring 8GB of storage, Samsung's SMART Signage Platform reduces TCO for digital signage deployments, providing savings in hardware, installation and operating costs.



Sleek Industrial Design with Thin Bezel

A sleek, stylish look features a 9.5mm bezel width (top and left, 10.5mm on DB32E), with optional customizable bezel trim kits (white, matte black).



Ultra-Slim 2.0" Chassis

The stylishly thin chassis delivers an upscale streamlined appearance, helps simplify installation, and also meets ADA compliance requirements.



Slim-Direct LED Backlight

The slim-direct-lit displays of the DB-E Series feature 1920 x 1080 Full HD resolution with 350 nits brightness and 5000:1 contrast ratio for sharp, detail-rich images and crisp, easily legible type.



Built-In Wi-Fi

Enjoy the advantages of expanded connectivity to mobile devices and simple mirroring of content on a tablet to the display.



Optional Touch Overlay with PC-less Touch Support

Add an optional IR touch overlay accessory to enable up to 10 simultaneous touch points. PC-less touch support means you only need to add the touch overlay accessory to enable touch, and no PC or setback box is required.



MagicInfo S3 Digital Signage Software

The software allows you to create playlists, set playback schedules and publish content directly to the display. Most traditional file formats are supported, including RSS feed and live web pages.

Samsung DB-E 32"/40"/48"/55" Commercial LED LCD Displays



			DB32E	DB40E	DB48E	DB55E
Display	Screen Size		32"	40"	48"	55"
	Panel Technology		60Hz Slim D-LED BLU	60Hz Slim D-LED BLU	60Hz Slim D-LED BLU	60Hz Slim D-LED BLU
	Resolution		1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)
	Brightness		350 nits	350 nits	350 nits	350 nits
	Contrast Ratio		5000:1	5000:1	5000:1	5000:1
	Viewing Angle (Horizontal/Vertical)		178° / 178°	178° / 178°	178° / 178°	178° / 178°
	Orientation		Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait
	Response Time (G-to-G)		8ms	8ms	8ms	8ms
Connectivity	Input		Analog D-SUB, DVI-D (HDMI Common), HDMI1, HDMI2 (thru DVI-D Input, Adapter Not Included), Component/ Composite, Stereo Mini Jack, USB 2.0 x 1	Analog D-SUB, DVI-D (HDMI Common), HDMI1, HDMI2 (thru DVI-D Input, Adapter Not Included), Component/ Composite, Stereo Mini Jack, USB 2.0 x 1	Analog D-SUB, DVI-D (HDMI Common), HDMI1, HDMI2 (thru DVI-D Input, Adapter Not Included), Component/ Composite, Stereo Mini Jack, USB 2.0 x 1	Analog D-SUB, DVI-D (HDMI Common), HDMI1, HDMI2 (thru DVI-D Input, Adapter Not Included), Component/ Composite, Stereo Mini Jack, USB 2.0 x 1
	Output		Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack
	External Control		RS232C (In/Out) thru Stereo Jack, RJ45	RS232C (In/Out) thru Stereo Jack, RJ45	RS232C (In/Out) thru Stereo Jack, RJ45	RS232C (In/Out) thru Stereo Jack, RJ45
	External Sensor		IR, Ambient Light	IR, Ambient Light	IR, Ambient Light	IR, Ambient Light
Power	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption (Typical/Max)		30W / 77W	40W / 121W	44W / 132W	60W / 176W
	Power Consumption (Standby)		< 0.5W	< 0.5W	< 0.5W	< 0.5W
Environmental Conditions	Operating Temperature		0°C - 40°C	0°C - 40°C	0°C - 40°C	0°C - 40°C
	Operating Humidity		10%~80%	10%~80%	10%~80%	10%~80%
Features			Slim and Light LFD with Built-in MagicInfo Player S3	Slim and Light LFD with Built-in MagicInfo Player S3	Slim and Light LFD with Built-in MagicInfo Player S3	Slim and Light LFD with Built-in MagicInfo Player S3
	Special	Hardware	Super Clear Coating, Temperature Sensor, Pivot Display, Button Lock, Clock Battery (80hrs Clock Keeping), Built in Speaker (10Wx1), Wi-Fi Module Embedded, SD Card Slot	Super Clear Coating, Temperature Sensor, Pivot Display, Button Lock, Clock Battery (80hrs Clock Keeping), Built in Speaker (10Wx1), Wi-Fi Module Embedded, SD Card Slot	Super Clear Coating, Temperature Sensor, Pivot Display, Button Lock, Clock Battery (80hrs Clock Keeping), Built in Speaker (10Wx1), Wi-Fi Module Embedded, SD Card Slot	Super Clear Coating, Temperature Sensor, Pivot Display, Button Lock, Clock Battery (80hrs Clock Keeping), Built in Speaker (10Wx1), Wi-Fi Module Embedded, SD Card Slot
		Software	Magic Clone (to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PPB, Image Rotation, Built-in MagicInfo S3, Firmware Update by Network, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch	Magic Clone (to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PPB, Image Rotation, Built-in MagicInfo S3, Firmware Update by Network, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch	Magic Clone (to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PPB, Image Rotation, Built-in MagicInfo S3, Firmware Update by Network, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch	Magic Clone (to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PPB, Image Rotation, Built-in MagicInfo S3, Firmware Update by Network, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch
	Tuner		Yes	Yes	Yes	Yes
	SMART Signage Platform Compliant		Yes	Yes	Yes	Yes
	Internal Media Player		Cortex-A9 1GHz Quad Core, 1.5GB DDR3, 8GB Storage, USB 2.0, Samsung Proprietary OS (VDLinux)	Cortex-A9 1GHz Quad Core, 1.5GB DDR3, 8GB Storage, USB 2.0, Samsung Proprietary OS (VDLinux)	Cortex-A9 1GHz Quad Core, 1.5GB DDR3, 8GB Storage, USB 2.0, Samsung Proprietary OS (VDLinux)	Cortex-A9 1GHz Quad Core, 1.5GB DDR3, 8GB Storage, USB 2.0, Samsung Proprietary OS (VDLinux)
	VESA Standard Wall Mount Interface		200 x 200mm	200 x 200mm	400 x 400mm	400 x 400mm
Dimensions	Product Dimensions (without stand)		28.4" x 16.5" x 2.0"	35.7" x 20.7" x 2.0"	42.3" x 24.4" x 2.0"	48.4" x 27.8" x 2.0"
	Packaging Dimensions		32.1" x 19.3" x 5.2"	39.8" x 23.8" x 5.4"	46.7" x 28.1" x 5.8"	53.1" x 31.9" x 5.8"
	Bezel Width		10.5mm (Top, Left), 15.0mm (Right, Bottom)	9.5mm (Top, Left), 15.0mm (Right, Bottom)	9.5mm (Top, Left), 15.0mm (Right, Bottom)	9.5mm (Top, Left), 15.0mm (Right, Bottom)
Weight	Product Weight		10.5 lbs.	16.1 lbs.	24 lbs.	33.5 lbs.
	Shipping Weight		12.8 lbs.	19.6 lbs.	30 lbs.	42.5 lbs.
Service	Standard Warranty		3 Years On-Site (Parts / Labor / Backlight)	3 Years On-Site (Parts / Labor / Backlight)	3 Years On-Site (Parts / Labor / Backlight)	3 Years On-Site (Parts / Labor / Backlight)
Accessories	Included		Quick Setup Guide, Warranty Card, D-Sub Cable, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, D-Sub Cable, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, D-Sub Cable, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, D-Sub Cable, Power Cord, Remote Controller, Batteries
	Optional Mount		WMN4070SD, WMN250MD	WMN4070SD, WMN250MD	WMN4270SD, WMN250MD	WMN4270SD, WMN250MD
	Optional Stand		STN-L3240E	STN-L3240E	STN-L4655E	STN-L4655E
	Media Player		SBB-DA, SBB-DI, SBB-B32D (Not Attachable)	SBB-DA, SBB-DI, SBB-B32D	SBB-DA, SBB-DI, SBB-B32D	SBB-DA, SBB-DI, SBB-B32D
	Optional Touch Overlay		CY-TD32LDAH	CY-TD48LDAH	CY-TD48LDAH	CY-TD55LDAH
	Optional Bezel Trim Kit		CY-BD32BD (Matte Black), CY-BD32WD (White)	CY-BD40BD (Matte Black), CY-BD40WD (White)	CY-BD48BD (Matte Black), CY-BD48WD (White)	CY-BD55BD (Matte Black), CY-BD55WD (White)
Green Management	Emission Standard		EMC	EMC	EMC	EMC
	ENERGY STAR® 6.0 Compliant		Yes	Yes	Yes	Yes
	RoHS Compliant		Yes	Yes	Yes	Yes
	Packing Recyclability		Packing Materials Recyclable	Packing Materials Recyclable	Packing Materials Recyclable	Packing Materials Recyclable

CONNECTIVITY

1. RS232C In
2. RS232C Out
3. Audio In
4. Audio Out
5. SD Card Slot
6. USB
7. DVI In
8. HDMI In
9. AV In
10. IR/Ambient Sensor In
11. VGA In
12. RJ45 In
13. Antenna In



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SAMSUNG
BUSINESS

Samsung Electronics has been named 2015 ENERGY STAR Partner of the Year in the product manufacturing category by the U.S. Environmental Protection Agency (EPA).



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