





# Small spaces hold sizable opportunities

Get the most out of every space with Samsung QBR series small digital signage. Full HD resolution means every message will be sharp and crystal-clear, making these brilliant displays ideal for retail environments, meeting rooms and public spaces. An embedded media player (SoC) lets you easily display content with no external PC required. And for added functionality, the QBR-T/QBR-TB series feature embedded touch screens.


 **Small size with full functionality**  
Slim designs allow for use in compact locations. A sleek back design makes them ideal as freestanding or wall-mounted displays.


 **Powerful all-in-one digital signage solution**  
With the embedded media player, there's no separate PC required, no extra mounting or cabling, and no additional external hardware requiring maintenance. Just plug in the displays and go.


 **Crisp and visible content**  
The 24" models feature a non-glare panel, for easy-to-read content in any ambient light.


 **Robust content management and monitoring**  
Our leading-edge digital signage platform makes content management easier, more flexible and more robust. Use the data capture tools to inform content creation and automated, targeted distribution. Easily create content with included templates. And manage it all from a single source (license required).

 **Built-in Wi-Fi**  
Built-in Wi-Fi allows wireless remote management of both content and display. Eliminating LAN cables simplifies installation.

 **IP5X for lasting durability**  
IP5X rating ensures efficient and reliable performance even in dusty environments and public spaces, which reduces overall cost of operation.

 **Embedded touch screen (QBR-T/QBR-TB series)**  
Touch screens increase your possibilities. With 10-point multi-touch capability, they can improve interaction, engagement, satisfaction and sales.

 **Pivot to landscape or portrait**  
QBR series small signage displays fit your space. They can display your content in landscape or portrait mode.

 **Reliable operation and 3-year warranty**  
QBR series small signage displays are engineered for dependable 16/7 operation. And a 3-year limited warranty offers further peace of mind.



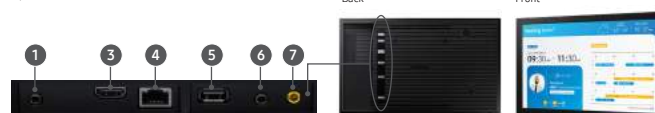
# QBR Series Small Digital Signage

		QB13R-B	QB13R-T	QB24R-B	QB24R-TB
Panel	Diagonal Size	13"		24"	
	Class Measured	13.27"		23.8"	
	Panel Type	Edge LED		ADS	
	Touch Screen	No	Yes	No	Yes
	Resolution	FHD (1920 x 1080)		FHD (1920 x 1080)	
	Pixel Pitch (mm)	0.153 x 0.153		0.2745 x 0.2745	
	Active Display Area	293.76 (H) x 165.24 (V)		527.04 (H) x 296.46 (V)	
	Brightness (Typ.)	300 nits	300 nits (w/o Glass)	250 nits	250 nits (w/o Glass)
	Contrast Ratio (Typ.)	800:1	600:1	1000:1	1000:1 (w/o Glass)
	Viewing Angle (H / V)	178° / 178°		178° / 178°	
	Response Time (G-to-G)	8ms (Typ.)		14ms (Typ.)	
	Display Colors	16.7 M (Real 6-bit, Dither 8-bit)		16.7 M (Real 6-bit, Dither 8-bit)	
Color Gamut	45%		72%		
Operation Hour	16/7		16/7		
Panel Orientation	Landscape / Portrait (Pivot)		Landscape / Portrait (Pivot)		
Special Certifications	IP5X Rating	Yes		Yes	
	Non-Glare Panel	No		Yes	
Sound	Speaker Type	Built in Speaker (5W)		Built in Speaker (5W)	
	Input	HDMI 1.4 (1)		HDMI 1.4 (1)	
Connectivity	HDCP	HDCP 2.2		HDCP 2.2	
	USB	USB 2.0 x 1		USB 2.0 x 2	
Output	Audio	Stereo Mini Jack		Stereo Mini Jack	
	Touch Out	N/A	Yes, 1	NA	Yes, 1
Wi-Fi	Wi-Fi	Yes		Yes	
	External Control	RS232C (In) thru Stereo Jack, RJ45		RS232C (In) thru Stereo Jack, RJ45	
Power	Type / Power Supply	Adapter / AC 100 - 240 V - (+/- 10 %), 50/60 Hz		Internal / AC 100 - 240 V - (+/- 10 %), 50/60 Hz	
	Power Consumption	Max / Typical (W / H)	27.5 / 13	38.5 / 25	35
Rating (W / H)	Rating (W / H)	25		35	
	BTU (Max)	93.8		151.3	
Sleep Mode	Sleep Mode	0.5W		0.5W	
	Set Dimensions	12.7" x 7.6" x 1.1"	12.7" x 7.6" x 1.2"	21.6" x 13.2" x 1.3"	21.6" x 13.2" x 1.4"
Mechanical Specifications	Package Dimensions	14.8" x 5.2" x 9.8"		24.4" x 16.5" x 4.8"	
	Set Weight	2.0 lbs.	2.4 lbs.	6.6 lbs.	8.8 lbs.
Package Weight	Package Weight	3.8 lbs.	4.2 lbs.	9.0 lbs.	11.5 lbs.
	VESA Mount	100 x 100mm		100 x 100mm	
Protection Glass	Protection Glass	N/A		N/A	
	Stand Type	Bar Type Simple Stand (In box)		N/A	
Environmental Conditions	Stand Type	0.5"		0.7" (Top, Bottom), 0.4" (Sides)	
	Bezel Width (Top/Sides/Bottom)	32" F ~ 104" F		32" F ~ 104" F	
Humidity	Operating Temperature	10 ~ 80%		10 ~ 80%	
	Humidity	10 ~ 80%		10 ~ 80%	
Special Features	Key	Small Signage Display, Slim and Light Signage with Built-in MagicInfo S6, SSSP 6.0		Small Signage Display, Slim and Light Signage with Built-in MagicInfo S6, SSSP 6.0	
	Special	Hardware	Temperature Sensor, Pivot Display, Clock Battery (168 Hrs. Clock Keeping), Built in Speaker (5W 1ch), IP5x Rating, Wi-Fi	Temperature Sensor, Pivot Display, Clock Battery (168 Hrs. Clock Keeping), Built in Speaker (5W 1ch), IP5x Rating, Wi-Fi, 10 Point Touch (Max)	Temperature Sensor, Pivot Display, Clock Battery (168 Hrs. Clock Keeping), Built in Speaker (5W 1ch), IP5x Rating, Wi-Fi
Software	Software	Auto Source Switching and Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug and Play (Initial Setting)		Auto Source Switching and Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug and Play (Initial Setting)	
	Processor	Cortex A72 1.7GHz Quad-Core CPU		Cortex A72 1.7GHz Quad-Core CPU	
Internal Media Player	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		1.7GHz	
Main Memory Interface	Main Memory Interface	2.5GB LPDDR4 1.5GHz 64bit		2.5GB LPDDR4 1.5GHz 64bit	
	Graphics	Graphic Resolution: 1920 x 1080		Graphic Resolution: 1920 x 1080	
Storage (FDM)	Storage (FDM)	Output Resolution: 3840 x 2160 (Scale up from graphic processing)		Output Resolution: 3840 x 2160 (Scale up from graphic processing)	
	Multimedia	8GB (3.88GB Occupied by O/S, 4.12GB Available)		8GB (3.88GB Occupied by O/S, 4.12GB Available)	
IO Ports	Multimedia	Video Decoder: MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, HEVC, JPEG, PNG, VP8, VP9		Video Decoder: MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, HEVC, JPEG, PNG, VP8, VP9	
	Operating System	Audio Decoder: AC3 (DD), MPEG		Audio Decoder: AC3 (DD), MPEG	
SSSP / MagicINFO	IO Ports	USB 2.0		USB 2.0	
	SSSP / MagicINFO	Tizen 4.0 (VDLinux)		Tizen 4.0 (VDLinux)	
Safety	Safety	SSSP 6.0 / MagicINFO S6		SSSP 6.0 / MagicINFO S6	
	EMC	60950-1		60950-1	
Environment	Environment	Class B		Class B	
	Environment	ENERGY STAR 8.0, Epeat		ENERGY STAR 8.0, Epeat	
Accessories	Included	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries, Bar Type Simple Stand		Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	
	Warranty	3 Years (Parts / Labor / Backlight)		3 Years (Parts / Labor / Backlight)	

## Connectivity

- RS232C In
- Touch Out
- HDMI
- RJ45
- USB (5V 1.0A)
- IR
- Speaker

QBR-B Series (Non-Touch)



QBR-T/QBR-TB Series (Touch Screen)



Learn More [samsung.com/display](https://samsung.com/display) [samsung.com/business](https://samsung.com/business) [insights.samsung.com](https://insights.samsung.com)

Product Support 1-866-SAM4BIZ Follow Us [youtube.com/samsungbizusa](https://youtube.com/samsungbizusa) [@SamsungBizUSA](https://twitter.com/SamsungBizUSA)

**SAMSUNG**