



SAMSUNG SMART SIGNAGE

QBH-TR / QBN-W

Revitalize Productive Collaboration through Refined Interactive E-board Technology

Samsung's QBH-TR / QBN-W e-boards elevate information sharing and drive more productive conversation in classroom and meeting room settings through an interactive, all-in-one format. These versatile displays eliminate common meeting obstacles and allow groups to explore new ideas quickly and easily.

HIGHLIGHTS

- Deliver a smooth, comfortable digital writing experience
- Enable up to four participants to write simultaneously with any tool
- Streamline efficient meeting facilitation via the embedded MagicWB S5 solution
- Alternate between content sources with an intuitive UX
- Improve real-time interaction and introduce new ideas through advanced connectivity
- Elevate content quality with crisp UHD resolution
- Enhance meeting room sophistication through a stylish, pristine design

INDUSTRY TRENDS

Today's meeting rooms and classrooms require interactive capabilities that exceed those offered by projectors and whiteboards. Not surprisingly, more are turning to advanced displays that promote simultaneous collaboration. E-boards' popularity, and revenue, only is expected to grow further in the near future.

WHY SAMSUNG QBH-TR / QBN-W SERIES?

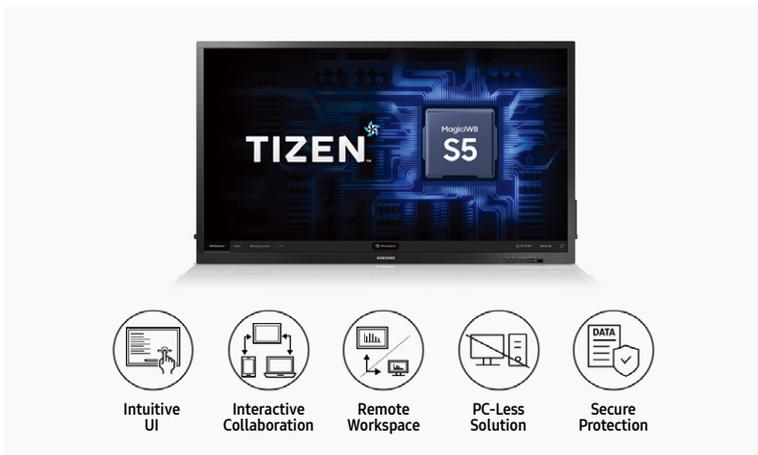
Samsung's QBH-TR / QBN-W e-boards offer a versatile, all-in-one arena for improved collaboration. Enhanced touch technology, the intuitive MagicIWB S5 solution and UHD picture quality come together to boost productivity and collaboration by facilitating engaging, efficient interaction.

KEY FEATURES



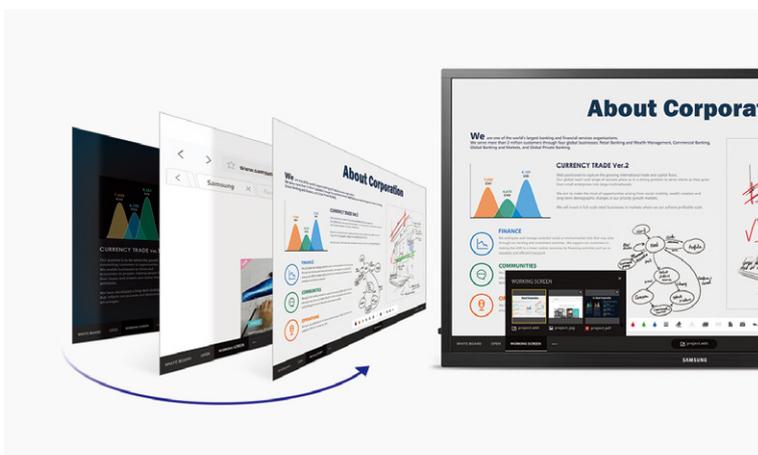
ENHANCE TOUCH, ENHANCE CAPACITY

Leverage heightened touch functionality for a smooth and versatile digital writing experience. Up to four users can write simultaneously using the provided pen or virtually any other tool.



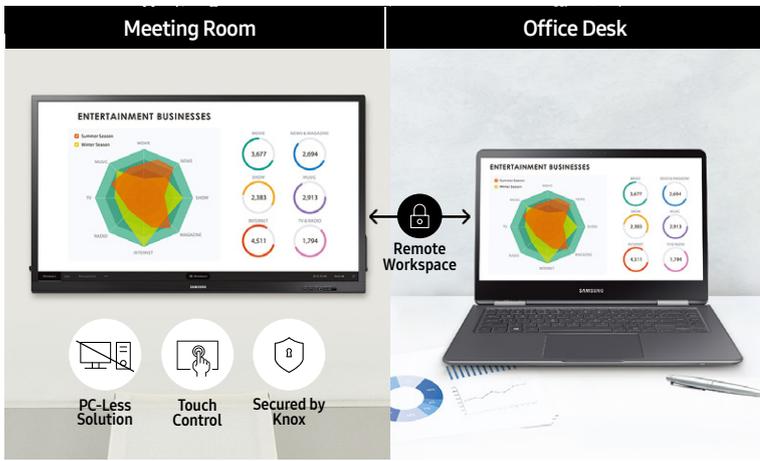
ELEVATE COLLABORATION QUALITY, ALL-IN-ONE

The embedded MagicIWB S5 solution facilitates discussion management and organization with an intuitive interface for quick access to vital collaborative functionalities such as screen mirroring and real-time notation saving.



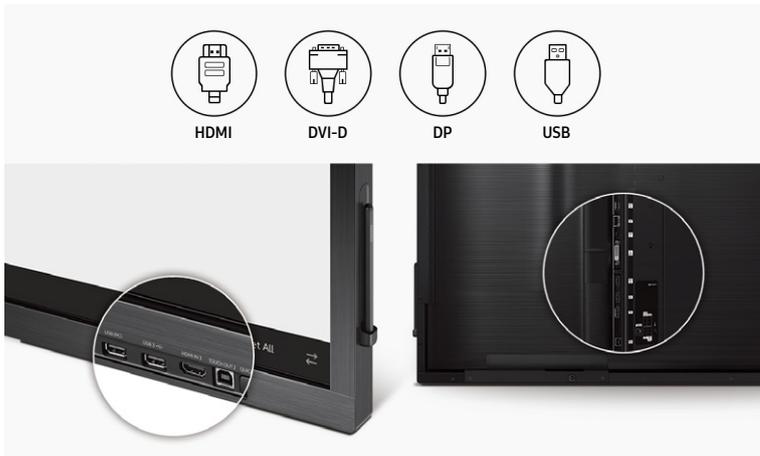
SWITCH SOURCES SEAMLESSLY

Through the Working Screen function, users can quickly switch between multiple screens, such as the whiteboard, internet browser and connected input sources, with just a few touches.



RETRIEVE AND CONTROL CONTENT REMOTELY

Pull and edit content on remote laptops directly through the central screen utilizing touch functionality. The powerful Knox system secures the Remote Workspace connection to protect against information leakage and meddling.



CONNECT WITH CONVENIENCE

Each e-board offers a wide range of connections including HDMI, DVI-D, DP and USB ports, where users can load, share and revise content directly from their personal devices.



AMPLIFY VISUAL PRESENTATION

Bring collaborative ideas to life through advanced UHD picture quality. Through ultra-high resolution, ensure all notations and introduced content are clear and legible for every participant.



MAINTAIN ORGANIZATION WITH STYLE

Drive more organized collaboration with a sleek, sophisticated design. The magnetic side pen holder and frontal connection ports keep needed functions within reach, without the mess.

SPECIFICATIONS

MODEL		QB65H-TR	QB75N-W	
Panel	Diagonal Size	65	75	
	Type	60Hz E-LED	120Hz Direct LED	
	Resolution	3,840 x 2,160	3,840 x 2,160	
	Brightness(Typ.)	300nit (w/o Touch Glass)	300nit (w/o Touch Glass)	
	Contrast Ratio(Typ.)	Mega	Mega	
	Viewing Angle(H/V)	178:178	178:178	
	Response Time(G-to-G)	8ms	8ms	
Operation Hour	16/7	16/7		
Sound	Speaker Type	Built in Speaker (10W x 2) (Down Firing w/Bass Reflex)	Built in Speaker (10W x 2) (Down Firing w/Bass Reflex)	
Connectivity	INPUT	RGB	N/A	N/A
		VIDEO	HDMI Rear1, HDMI Rear2 (ver 2.0), HDMI Front3 (ver 1.4), DVI-D, DP	HDMI Rear1, HDMI Rear2 (ver 2.0), HDMI Front3 (ver 1.4), DVI-D, DP
		AUDIO	N/A	N/A
		USB	USB 1, 2 (Rear), USB 3 (Front), PC USB (Front)	USB 1, 2 (Rear), USB 3 (Front), PC USB (Front)
	OUTPUT	RGB	N/A	N/A
		VIDEO	N/A	N/A
		AUDIO	Audio	Audio
		Touch Out	Touch Out 1 (Rear), Touch Out 2 (Front)	Touch Out 1 (Rear), Touch Out 2 (Front)
	INTERNAL	SENSOR	N/A	N/A
	EXTERNAL	CONTROL	RS232C(in/out) thru stereo jack, RJ45, Wi-Fi	RS232C(in/out) thru stereo jack, RJ45, Wi-Fi
	SENSOR	IR Sensor(Display Control)	IR Sensor(Display Control)	
Touch	Type	IR (Infra Red)	IR (Infra Red)	
	# of Drawing	4 drawing (SoC), 10 drawing (External Windows PC)	4 drawing (SoC), 10 drawing (External Windows PC)	
	Touch Pen Type	Passive Pen	Passive Pen	
	Object Recognition Range	8mm	8mm	
Power	Type	Internal	Internal	
	Power Supply	AC100-240V 50/60Hz	AC100-240V 50/60Hz	
	Power Consumption	Rating[W/h]	150 (Max 165)	200 (Max 220)
		Typical[W/h]	115	157
	Stand-by(Max)	0.5	0.5	
Mechanical Spec	Dimension (mm)	Set	1514.7 x 882.4 x 58.2	1741.5 x 1012.1 x 81.2
		Package	1619 x 231 x 1001	1905 x 1175 x 307
	Weight (kg)	Set	39.2	57.4
		Package	48.0	69.5
	Color	Black	Black	
	VESA Mount	400 x 400	400 x 400	
	Protection Glass	Yes	Yes	
	Stand Type	Wall Mount	Wall Mount	
	Media Player Option Type	N/A	N/A	
	Rotation	N/A	N/A	
Power Cable Length	1.8m	3m		
Operation	Accessory	Pen Holder	Pen Holder	
	Operating Temperature	0°C~ 40°C	0°C~ 40°C	
	Humidity	10~80%	10~80%	
Feature	Key	Slim & Light LFD with Built-in MagicInfo Player S5, SSSP		
	Special	H/W	Super Clear Coating, Temperature Sensor, Pivot Display, Clock Battery (168hrs Clock Keeping), Built in Speaker(10W x 2), WiFi Module Embedded	
		S/W	MagicWB S5	
		Platform	Kant-M (Tizen 3.0)	
	Internal Player (Embedded H/W)	Processor	Coretex A72 1.7GHz Quad-Core CPU	
		On-Chip Cache Memory	L1 Instruction Cache : 48KB / L1 Data Cache : 32KB / L2 Cache : 2MB	
		Clock Speed	1.7GHz Quad-Core CPU	
		Main Memory Interface	3GB 3ch 64bit LPDDR4 1.6GHz	
		Graphics	2D & 3D Graphic Accelerator Data Format : 32bpp Output resolution : 3840x2160p	
		Storage	8GB (3.88GB Occupied by O/S, 4.12GB Available)	
		Multimedia	Video Decoder - MPEG1/2/4, H.263, H.264/AVC - UHD H.264/AVC, VC-1, AVS/AVS+, MVC - VP8, VP9, HEVC, JPEG Audio DSP(Decoder) - MPEG, AC3, AC4, DD, MP3 and etc	
		IO Ports	USB 2.0	
		Operating System	Tizen 3.0 (VDLinux)	
		Accessories	Included	Passive Pen, Power Cable
Optional	Stand		Optional	
	Mount		Optional	
	Specialty		New MagicWB S5 UX	

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SMART Signage

For more information about Samsung SMART Signage QBH-TR / QBN-W Series Displays, visit www.samsung.com/business or www.samsung.com/displaysolutions

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