

SPECIFICATIONS

MODEL		QB65H	QB75H	
Panel	Diagonal Size	Class 65 64.5" / 163.8	75 74.5" / 189.3cm	
	Type	60Hz E-LED BLU	120Hz Slim Direct LED BLU	
	Resolution	3840x2160(16:9)	3840x2160(16:9)	
	Pixel Pitch (mm)	0.105 x 0.315 mm	0.143x0.429 mm	
	Active Display Area	1428.48(H) x 803.52(V)	1650.24(H) x 928.26(V)	
	Brightness(Typ.)	300nit	300nit	
	Contrast Ratio (Typ.)	4000:1	4000:1	
	Viewing Angle(H/V)	178/178	178/178	
	Response Time (G to G)	8ms (Typ)	8ms (Typ)	
	Display Colors	16.7M(True Display) / 1.07B(Dithered 10bit)	16.7M(True Display) / 1.07B(Dithered 10bit)	
Display	Color Gamut	72%	72%	
	Operation Hour	16/7	16/7	
	Haze	2%	2%	
	Dynamic C/R	Mega	Mega	
	H-Scanning Frequency	30 ~ 81kHz	30 ~ 81kHz	
Sound	V-Scanning Frequency	48 ~ 75Hz	48 ~ 75Hz	
	Maximum Pixel Frequency	594MHz	594MHz	
Connectivity	Speaker Type	Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)	
	Input	RGB	DVI-D, Display Port 1.2 (1)	DVI-D, Display Port 1.2 (1)
		VIDEO	HDMI 2.0 (2)	HDMI 2.0 (2)
		HDCP	HDCP2.2	HDCP2.2
		AUDIO	Stereo mini Jack, DVI, HDMI	Stereo mini Jack, DVI, HDMI
	Output	USB	USB 2.0 x 2	USB 2.0 x 2
		RGB	N/A	N/A
		VIDEO	N/A	N/A
		HDCP	Stereo mini Jack	Stereo mini Jack
	EXTERNAL CONTROL	AUDIO	N/A	N/A
USB		N/A	N/A	
Power	EXTERNAL SENSOR	RS232C(in/out), RJ45	RS232C(in/out), RJ45	
	Tuner	IR	IR	
Mechanical Spec	Type	N/A	N/A	
	Power Supply	Internal	Internal	
	Power Consumption	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz 122(Typical), 150(Rating), 165(Max)	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz 284(Typical), 370(Rating), 407(Max)	
	Dimension(mm)	Set 1456.1 x 835.6 x 37.6	1688.9 x 971.2 x 66.0	
Operation	Weight (kg)	Set 22.8	34.8	
	VESA Mount	Set 32.4	55.1	
	Protection Glass	400x400	400x400	
	Stand Type	N/A	N/A	
	Bezel Width (Top/Side/Bot) (mm)	Foot Stand (Optional)	Foot Stand (Optional)	
Feature	Operating Temperature	12.2/12.2/12.2	16.1/16.1/20.2	
	Humidity	0°C~ 40°C	0°C~ 40°C	
	Key	10~80%	10~80%	
	Special	H/W	UHD Signage Display Slim & Light Signage with Built-in MagicInfo S5, SSSP 5.0	
		S/W	Temperature Sensor,Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), Wi-Fi	
	Internal Player (Embedded H/W)	Processor	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	
		On-Chip Cache Memory	Coretex A72 1.7GHz Quad-Core CPU	
		Clock Speed	L1 Instruction Cache : 48KB / L1 Data Cache : 32KB / L2 Cache : 2MB	
		Main Memory Interface	1.7GHz Quad-Core CPU	
		Graphics	3GB / 3ch 64bit LPDDR4 1.6GHz	
Storage (FDM)		2D & 3D Graphic Accelerator / Data Format : 32bpp / Output resolution : 3840x2160p		
Multimedia		8GB (3.88GB Occupied by O/S, 4.12GB Available)		
IO Ports		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		
Certification	Operating System	USB 2.0		
	Safety	Tizen 3.0 (VDLinux)		
Accessories	EMC	60950-1		
	Environment	Class A		
Accessories	Included	ENERGY STAR 7.0(TBD)		
	Optional	Stand	N/A(TBD)	
		Mount	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	
		Specialty	STN-L6500E	STN-L7585F
Media Player	CLM450D	WMN6575SD		
		SBB		

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SMART Signage

For more information about Samsung SMART Signage QMH Series Displays, visit www.samsung.com/business or www.samsung.com/displaysolutions

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SAMSUNG



SAMSUNG SMART SIGNAGE QBH SERIES

Deliver Impactful UHD Content through an All-Inclusive, Easy-to-Manage Display

Samsung's QBH Series displays deliver content with added precision and visual impact while also improving operational efficiency. Through advanced UHD picture quality, the QBH Series displays foster an inviting and memorable viewing environment in any indoor setting. Backed by the powerful SSSP 5.0 platform and TIZEN 3.0 operating system, the QBH Series displays feature a host of business-ready functionalities while also protecting business and customer data through enhanced security measures.

HIGHLIGHTS

- UHD picture quality amplifies content with ultra-realistic detail and clarity
- Integrated TIZEN 3.0 operating system improves overall performance while empowering business expandability
- Reinforced security measures protect business and customer data
- Expanded HDMI 2.0 connectivity allows for seamless daisy chaining

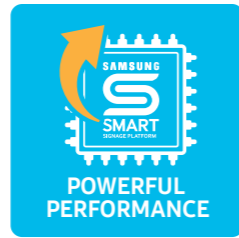
SAMSUNG

INDUSTRY TRENDS

As businesses seek to extend viewer engagement and reinforce their own branding, many see advanced digital signage as a versatile and effective solution. While the exact needs for each individual business and industry vary, some commonalities exist during the signage evaluation process. Businesses want to showcase content as crisply and clearly as possible, with new innovations such as UHD picture quality offering customers something new and exciting. Beyond graphic precision and accuracy, businesses also seek new technologies that make their lives easier. This flexibility ranges from features that expand operational capabilities and reduce maintenance to the maximization of data security and protection.

WHY SAMSUNG QBH SERIES?

As the world's leading digital signage company, Samsung Electronics offers end-to-end display solutions that fulfill business needs while empowering growth. Recent advancements, such as the upgraded SSSP 5.0 platform featuring the TIZEN 3.0 operating system, have made our signage offerings even stronger and empower businesses to develop and deploy content with the confidence that it will perform continuously. The QBH Series combines state-of-the-art graphic performance and operational versatility with UHD picture quality to produce an unprecedented visual experience in any environment.



KEY FEATURES



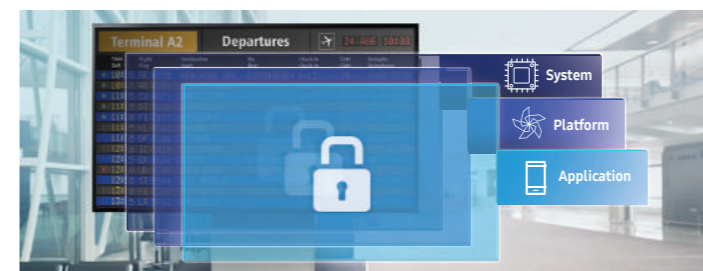
ENLIVEN COMMERCIAL CONTENT WITH UHD PICTURE QUALITY

Featuring state-of-the-art UHD picture quality, the QBH Series displays empower users to create and deliver more impactful messaging. Each QBH Series display showcases content with four times the ultra realistic detail and clarity of standard alternatives, with a wider screen offering more space for text and imagery. When combined with performance features, such as portrait mode and extended durability, this next-level presentation makes the QBH Series ideal for any commercial setting.



ENJOY GREATER OPERATIONAL FLEXIBILITY WITH THE TIZEN OS

The QMH Series displays are among the first in Samsung's lineup to feature the upgraded SSSP 5.0, backed by the powerful TIZEN 3.0 operating system. Through this integration, users receive a host of business-critical capabilities, ranging from secure in-platform application development to remote management. Not only do the QBH Series displays feature an integrated media player and advanced graphic presentation features, but the all-in one design also allows users to deliver targeted and personalized real-time messaging through the application-based Beacon management technology.



PROTECT BUSINESS AND CUSTOMER DATA THROUGH EXTENSIVE SECURITY

For government, financial and other information-based businesses, data protection is paramount for efficient operations. Samsung's QBH Series displays accommodate this need through intense security measures. The embedded TIZEN 3.0 OS offers defense across the application, platform and system layers, restricting file and data access to an exclusive user base.



ENJOY A CONSISTENT, ACCELERATED REFRESH RATE THROUGH VERSATILE CONNECTIVITY

An upgrade on more limited alternatives, the QBH Series displays support a range of content and elevate overall display performance through both HDMI 2.0 and DP1.2 port connectivity. This versatility ensures a consistent 60 Hz. refresh rate and optimal clarity regardless of the source.