

Specifications

Model		QB13R-M	QB13R-TM	
Panel	Diagonal Size	13"	13"	
	Class	13.27"	13.27"	
	Type	Edge LED	Edge LED	
	Resolution	FHD (1,920 x 1,080)	FHD (1,920 x 1,080)	
	Pixel Pitch (mm)	0.153 x 0.153	0.153 x 0.153	
	Active Display Area	293.76 (H) x 165.24 (V)	293.76 (H) x 165.24 (V)	
	Brightness (Typ.)	500nit	500nit (w/o Glass)	
	Contrast Ratio (Typ.)	800:1	600:1	
	Viewing Angle(H/V)	178/178	178/178	
	Response Time (G to G)	8ms(Typ.)	8ms (Typ.)	
Display	Display Colors	16.7 M (Real 6bit, Dither 8bit)	16.7 M (Real 6bit, Dither 8bit)	
	Color Gamut	45%	45%	
	Operation Hour	16/7	16/7	
	Haze	10%	10%	
Sound	Dynamic C/R	MEGA	MEGA	
	H-Scanning Frequency	30 ~ 81kHz	30 ~ 81kHz	
	V-Scanning Frequency	48 ~ 75Hz	48 ~ 75Hz	
Connectivity	Maximum Pixel Frequency	594MHz	594MHz	
	Speaker Type	Built in Speaker (5W)	Built in Speaker (5W)	
	INPUT	RGB	-	-
		VIDEO	HDMI 1.4 (1)	HDMI 1.4 (1)
		HDCP	HDCP 2.2	HDCP 2.2
		AUDIO	N/A	N/A
	OUTPUT	USB	USB 2.0 x1	USB 2.0 x1
		RGB	N/A	N/A
		VIDEO	N/A	N/A
		AUDIO	Stereo Mini Jack	Stereo Mini Jack
Power Out		N/A	Power Out - N/A / Touch Out - x1	
USB		N/A	N/A	
EXTERNAL CONTROL	RS232C (In) thru stereo jack, RJ45	RS232C (In) thru stereo jack, RJ45		
EXTERNAL SENSOR	N/A	N/A		
Tuner	N/A	N/A		
Type	Adapter	Adapter		
Power	Power Supply	AC100 - 240 V, 50/60 Hz	AC100 - 240 V, 50/60 Hz	
	Power Consumption	Max[W/h]	275	275
		Typical[W/h]	13	14
		Rating[W/h]	25	25
		BTU(Max)	93.8	93.8
		Sleep mode	0.5	0.5
Off mode	N/A	N/A		
Mechanical Spec	Dimension(mm)	Set	322.0 x 193.5 x 28.2	322.0 x 193.5 x 29.8
		Package	376 x 132 x 248	376 x 132 x 248
	Weight (kg)	Set	0.9	1.1
		Package	1.7	2.0
	VESA Mount	100 x 100	100 x 100	
	Protection Glass	N/A	N/A	
Stand Type	Bar Type Simple Stand (Inbox)	Bar Type Simple Stand (Inbox)		
Operation	Bezel Width (Top/Side/Bot) (mm)	12.2mm	13.1mm	
	Operating Temperature	0°C - 40°C	0°C - 40°C	
	Humidity	10~80%	10~80%	
Feature	Key	Small Signage Display, Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0	Small Touch Signage Display, Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0	
	Special	H/W	Temperature Sensor, Pivot Display, Clock Battery (168hrs Clock Keeping), Built in Speaker (5W 1ch), IP5x Rating, Wi-Fi	Temperature Sensor, Pivot Display, Clock Battery (168hrs Clock Keeping), Built in Speaker (5W 1ch), IP5x Rating, Wi-Fi, 10 Point Touch (Max)
		S/W	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	
	Internal Player (Embedded H/W)	Processor	Cortex A72 1.7GHz Quad-Core CPU	Cortex 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	1.7GHz
		Main Memory Interface	2.5GB, LPDDR4 1.5GHz 64bit	2.5GB, LPDDR4 1.5GHz 64bit
		Graphics	Graphic resolution : 1,920 x 1,080	Graphic resolution : 1,920 x 1,080
		Storage (FDM)	Output resolution : 3,840 x 2,160 (Scale up from graphic processing result.)	Output resolution : 3,840 x 2,160 (Scale up from graphic processing result.)
	IO Ports	Multimedia	8GB (3.88GB Occupied by OS), 4.12GB Available	8GB (3.88GB Occupied by OS), 4.12GB Available
Operating System		*Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG		
USB 2.0		USB 2.0	USB 2.0	
Operating System		Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	
Certification	Safety	60950-1	60950-1	
	EMC	Class B	Class B	
Accessories	Environment	ENERGY STAR 8.0, Epeat	ENERGY STAR 8.0, Epeat	
	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, Bar Type Simple Stand, USB Cable	
Optional	Stand	Bar Type Simple Stand (Inbox)	Bar Type Simple Stand (Inbox)	
	Mount	-	-	
	Specialty	-	-	
	Media Player	N/A	N/A	

About Samsung Electronics Co., Ltd.

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, digital appliances, medical equipment, network systems, and semiconductor and LED solutions. For the latest news, please visit the Samsung Newsroom at news.samsung.com.

Smart Signage

For more information about Samsung Smart Signage, visit www.samsung.com/business or www.samsung.com/displaysolutions

Copyright © 2023 Samsung Electronics Co. Ltd. All rights reserved. Samsung is a registered trademark of Samsung Electronics Co. Ltd. Specifications and designs are subject to change without notice. Non-metric weights and measurements are approximate. All data were deemed correct at time of creation. Samsung is not liable for errors or omissions. All brand, product, service names and logos are trademarks and/or registered trademarks of their respective owners and are hereby recognized and acknowledged.

Samsung Electronics Co., Ltd.

416, Maetan 3-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-772, Korea

2023-04

SAMSUNG



Smart Signage

QB13R-M / QB13R-TM series

Enhanced communication in a compact display

Businesses no longer just need large size displays, they often also need smaller displays for a variety of environments and uses. Samsung's QB13R-M / QB13R-TM small display enables personalized and more impactful communication through its compact and versatile design. An all-in-one solution designed for professional use, the display improves the operational efficiency of content, while also ensuring reliable performance for any business use. The QB13R-TM specifically, is a touch-enabled small display which provides a unique store experience and improves customer engagement.

Key features



Crisp and visible content

The display supports 1920x1080 FHD resolution and 500nit high brightness for crisp and easy-to-read content. This is enhanced by a non-glare panel which always delivers clear content in any ambient light.



Embedded media player

With an embedded MagicINFO S player, backed by TIZEN, the QB13R-M / QB13R-TM allows efficient and seamless playback without any external media player.



Knox security

The powerful Knox security system provides rigid, three-layer security, offering airtight protection at the application, platform and system level, while restricting access to content and hardware.



Center IR, Built-in Wifi

With center IR, each display receives IR signals direct to the panel, allowing easy and convenient remote control even with a tailored installation. Plus, built-in Wi-Fi allows wireless remote management.



EMC Class B, IP5X

The QB13R-M / QB13R-TM displays are electromagnetic compatibility (EMC) class B compliant, meeting strict operation safety and reliability standards. IP5x rating ensures durable performance even in dusty environments.



10 point multi-touch (QB13R-TM)

The QB13R-TM provides 10-point multi-touch, while fast response time powers an intuitive interface that allows customer-driven search and action, creating new customer interactions that drive purchases.