

Specifications

Model		QB13R-M	QB13R-TM
Panel	Type	IPS	IPS
	Resolution	FHD (1,920 x 1,080)	FHD (1,920 x 1,080)
	Panel (P/O) (mm)	6,553 x 3,533	6,553 x 3,533
	Active Display Area	293.76 (H) x 165.24 (V)	293.76 (H) x 165.24 (V)
	Brightness (Typ.)	500nit	500nit (w/ 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 Colors	16.7M (Real 6M+, Other 8M)	16.7M (Real 6M+, Other 8M)
	Color Gamut	45%	45%
Operation Hour	24/7	24/7	
Dynamic CR	MEGA	MEGA	
H-Scanning Frequency	30 ~ 63KHz	30 ~ 63KHz	
V-Scanning Frequency	48 ~ 75Hz	48 ~ 75Hz	
Maximum Pixel Frequency	99MHz	99MHz	
Sound	Speaker Type	Built-in Speaker (SW)	Built-in Speaker (SW)
	INPUT	RGB HDMI 1.4 (1) HDCP 2.2	RGB HDMI 1.4 (1) HDCP 2.2
Connectivity	AUDIO	N/A	N/A
	USB	2.0 x 1	2.0 x 1
	OUTPUT	Starfeed Mini Jack	Starfeed Mini Jack
	Power Out	N/A	N/A
	EXTERNAL CONTROL	RS232C (1B)	RS232C (1B)
	EXTERNAL SENSOR	N/A	N/A
	Tuner	AC 100 - 240 V, 50/60 Hz	AC 100 - 240 V, 50/60 Hz
	Power Supply	2.7.5	2.7.5
	Power Consumption	Max(W) Typical(W) Rating(W) BT(Low) Sleep mode Off mode	3.3 2.5 9.3.8 0.5 N/A
	Mechanical Spec	Dimension (mm)	322.0 x 193.5 x 28.2 376 x 132 x 248
Weight (kg)		0.9 1.7	1.1 2.0
VESA Mount		100 x 100	100 x 100
Protection Glass		Bar Type Simple Stand (Inbox)	Bar Type Simple Stand (Inbox)
Operation	Humidity	10% ~ 90%	10% ~ 90%
	Key	Small Signage Display, Slim & Smart Tag Signage & B01 & B01 Easy MagicInfo 6.6.1 SSP 6.0	Small Signage Display, Slim & Smart Tag Signage & B01 & B01 Easy MagicInfo 6.6.1 SSP 6.0
Feature	Processor	Auto Source Switching & Recovery, UFD Home UI, Button Lock, Hot key option, Plug&Play (Default Setting)	Auto Source Switching & Recovery, UFD Home UI, Button Lock, Hot key option, Plug&Play (Default Setting)
	On-Chip Cache Memory	Cortex A72, 7094 Quad-Core CPU	Cortex A72, 7094 Quad-Core CPU
	Clock Speed	L1 Instruction Cache : 48KB, L1 Data Cache : 32KB, L2 Cache : 2MB	L1 Instruction Cache : 48KB, L1 Data Cache : 32KB, L2 Cache : 2MB
	Main Memory Interface	1.7Gb/s	1.7Gb/s
	Graphics	2.5GB, LPDDR4, 1.5GHz 64bit	2.5GB, LPDDR4, 1.5GHz 64bit
	Storage (FEM)	Graphic resolution : 1,920 x 1,080 Output resolution : 1,920 x 1,080 (Scale up from graphic processing result.)	Graphic resolution : 1,920 x 1,080 Output resolution : 1,920 x 1,080 (Scale up from graphic processing result.)
Certification	Safety	8GB (3.88GB Occupied by OS, 4.12GB Available) *Video Decoder: MPEG-2/4, H.263, H.264/AVC, H.264/AVC, VC-1, HEVC, MPEG, H.265, VP9, VP8, VP8/VP9/VP8/VP9 Decoder, AC3, DSD, MPEG	8GB (3.88GB Occupied by OS, 4.12GB Available) *Video Decoder: MPEG-2/4, H.263, H.264/AVC, H.264/AVC, VC-1, HEVC, MPEG, H.265, VP9, VP8, VP8/VP9/VP8/VP9 Decoder, AC3, DSD, MPEG
	EMC	USB 2.0 Tizen 4.0 (VGL/NA)	USB 2.0 Tizen 4.0 (VGL/NA)
Accessories	Environment	00959-2 Class B	00959-2 Class B
	Included	ENERGY STAR 8.0, EPEAT Quick Setup Guide, Warranty Card, Remote Control, Batteries, Bar Type Simple Stand (Inbox)	ENERGY STAR 8.0, EPEAT Quick Setup Guide, Warranty Card, Remote Control, Batteries, Bar Type Simple Stand (Inbox)

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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 1920x1080FHD 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 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 Wi-Fi

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.



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