

Samsung QB75R(LH75QBBREBGCXEN)
Samsung QB75R - 75"Class QBR Series LED display - digital signage - Tizen OS 4.0 - 4K UHD (2160p)
3840 x 2160 - HDR - black



As visual display technology evolves,viewers develop heightened expectations about picture quality. As Ultra HD resolution continues to grow in popularity,it is essential for businesses to deliver superb picture quality for their customers. While much content is still being produced at a lower resolution,Intelligent Ultra HD upscaling technology helps Samsung's 4K Ultra HD signage increase low resolution content to Ultra HD picture quality.

Key Selling Points

- Ultra HD 4K resolution
- Intelligent Ultra HD upscaling
- Dynamic Crystal Color
- Slim and symmetrical design
- Clean cable management
- Wi-Fi and Bluetooth built-in

Product Features

Ultra HD 4K resolution

Samsung's QBR series is able to hook customer attention by providing an incredibly clear picture,showcasing lifelike images and intricate details better than ever before thanks to ultra-high definition 4K resolution.

Intelligent Ultra HD upscaling

Samsung has developed its powerful video processor for use in its digital signage. Additionally,intelligent Ultra HD upscaling technology is an advanced solution based on Samsung's proprietary intelligent Ultra HD engine that allows content developed at a lower resolution to be elevated to Ultra HD-level quality. It also performs edge restoration and noise reduction to optimize on-screen text and imagery with crisp edges and fine detail.

Dynamic Crystal Color

Dynamic Crystal Color is what brings the incredible,lifelike color to Samsung displays. Using 10-bit processing,the display is able to showcase a wider spectrum of colors - up to a billion different shades - capturing subtle differences for flawless color expression,critical for businesses in ensuring brand consistency across communication channels. Samsung 4K Signage QBR series also features HDR10+ functionality that converts standard definition (SDR) content to HDR quality for sharper contrast and more vivid colors.

Slim and symmetrical design

The slim and symmetrical design of the QBR series vastly simplifies wall mounting the display and ensures that installation is a seamless process. The display's power inlet direction has been redesigned to perfectly align against the wall.

Clean cable management

With QBR's cable guide feature,retailers are able to tuck away messy cables from view. This allows for a clean and visually-appealing shopping experience for customers,even when the back of the display is visible.

Wi-Fi and Bluetooth built-in

Built-in Wi-Fi and Bluetooth allow for more personalized and interactive services as well as simplifying how businesses showcase content. Whether it's to make networking simpler or enabling interactive beacon technology in-store,QBR series displays help businesses move into the future of retail.

Main Specifications

Product Description	Samsung QB75R QBR Series - 75"LED display - 4K
Product Type	LED-backlit LCD flat panel display
Diagonal Class	75"
Commercial Use	Yes - digital signage
Colour	Black
Platform	Tizen OS 4.0
Resolution	3840 x 2160
Display Format	4K UHD (2160p)
HDR Technology	HDR 10+

Frame Rate & Enhancement Technology	60 Hz Refresh Rate
Video Interface	HDMI
HDMI Ports Qty	2 ports
Connectivity	Wi-Fi, LAN, Bluetooth
PC Interface	DVI
LCD Backlight Technology	LED backlight
Image Aspect Ratio	16:9
TV Tuner	No tuner
Commercial Features	SMART Signage Platform
Picture Enhancements	Mega Dynamic Contrast Ratio, UHD Upscaling, Dynamic Crystal Color
USB	2 ports
Voltage	AC 120/230 V (50/60 Hz)
Energy Class	Class A+
Power Consumption Operational	231 Watt
Power Consumption (On mode)	150 W
Power Consumption Stand by	0.5 Watt
Energy Consumption per Year	219 kWh
Dimensions (WxDxH) - without stand	168.11 cm x 4.97 cm x 96.01 cm
Weight	38.3 kg

Extended Specification

General

Product Type	LED-backlit LCD flat panel display
Energy Class	Class A+
Power Consumption Operational	231 Watt
Power Consumption (On mode)	150 W
Energy Consumption per Year	219 kWh
Diagonal Class	75"
Commercial Use	Yes - digital signage
Series	QBR Series
Platform	Tizen OS 4.0
HDR Capable	Yes
HDR Technology	HDR 10+
TV Tuner	No tuner
TV Tuner Presence	No
Video Interface	HDMI
HDMI Ports Qty	2 ports
PC Interface	DVI
Picture Enhancements	Mega Dynamic Contrast Ratio, UHD Upscaling, Dynamic Crystal Color
Design	Narrow Bezel Design, Slim Design, New Edge Design
Dimensions	Without stand

Width	168.11 cm
Depth	4.97 cm
Height	96.01 cm
Weight	38.3 kg
Enclosure Colour	Black

Display

Resolution	3840 x 2160
Display Format	4K UHD (2160p)
Image Aspect Ratio	16:9
Frame Rate &Enhancement Technology	60 Hz Refresh Rate
LCD Backlight Technology	LED backlight
Coating	0.02% Glass Haze
Image Contrast Ratio	4000: 1
Brightness	350 cd/m²
Viewing Angle	178°
Viewing Angle (Vertical)	178°
Response Time	8 ms
Commercial Features	SMART Signage Platform

Stands &Mounts

Stand	Optional
Flat Panel Mount Interface	400 x 400 mm

Media Player

USB Port	Yes
USB Ports Qty	2

Network &Internet
Multimedia

Connectivity	Wi-Fi,LAN,Bluetooth
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Connections

Connector Type	2 x HDMI input DVI-Digital 2 x USB Audio line-in Infrared input Audio line-out RS-232 input RS-232 output Network
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Miscellaneous

Compliant Standards	UL,VCCI,C-Tick,BSMI,GOST,cUL,NOM,SASO,CB,FCC Part 15 B,AS/NZS 60950-1,CCC,EMC,PSB,IRAM,EN 60950-1,KC,AS/NZS,NOM-019-SCFI-1998,K60950-1,EAC,NOM-001-SCFI-1993 IRAM,GB4943.1-2011,RCM,IS13252,GB 17625.1-2012,BIS,INMETRO,IEC60950-1,KN32,KN35,KCC/EK,CNS
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14336-1,CISPR 32:2015,RoHS CNS 15663,CISPR
32:2016,GB/T9254-2008,CNS 13438 ITE EMI,ROCT CISPR 24-2013,ROCT
CISPR 22:2005

Power

Power Device	Power supply
Nominal Voltage	AC 120/230 V (50/60 Hz)
Power Consumption Stand by	0.5 Watt
Power Consumption Sleep	0.5 Watt

Dimensions &Weight (Shipping)

Width (Shipping)	187.1 cm
Depth (Shipping)	22.3 cm
Height (Shipping)	112.7 cm
Weight (Shipping)	49 kg

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	10 - 80% (non-condensing)

*Tech Data is not responsible for errors in the documentation of products.