Samsung QM55B - 55" Diagonal Class QMB Series LED-backlit LCD display

digital signage - 4K UHD (2160p) 3840 x 2160

Group	Flat Screens
Manufacturer	Samsung
Manufacturer item no.	LH55QMBEBGCXEN
EAN/UPC	8806094197495

Description

The QMB Series combines enhanced professional features, streamlined setup and maintenance, and stunning design to elevate any business environment. From improving collaboration to showcasing rich content in new formats, QMB delivers innovation and efficiency to help businesses reach their goals.

Main features

Product Description	Samsung QM55B QMB Series - 55" LED-backlit LCD display - 4K - for digital signage
Product Type	LED-backlit LCD flat panel display
Diagonal Class	55"
Commercial Use	Yes - digital signage
Resolution	3840 x 2160
Display Format	4K UHD (2160p)
Video Interface	HDMI
HDMI Ports Qty	3 ports
Connectivity	Wi-Fi, LAN, Bluetooth
PC Interface	DisplayPort
Technology	VA
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, Dynamic Crystal Color, 92% Colour Gamut (DCI-P3, CIE 1976)
Storage Capacity	16 GB
USB	2 ports
Voltage	AC 100-240 V (50/60 Hz)
Energy Class	Class G
Power Consumption (On mode)	143 W
Dimensions (WxDxH) - without stand	123.51 cm x 4.63 cm x 70.79 cm

Weight	18.1 kg
Environmental Standards	ENERGY STAR Qualified

Extended details

	General
Product Type	LED-backlit LCD flat panel display
Energy Class	Class G
Power Consumption (On mode)	143 W
Power Consumption SDR (On mode)	108 kWh/1000h
Diagonal Class	55"
Commercial Use	Yes - digital signage
Series	QMB Series
Video Processor	Quantum 4K
TV Tuner	No tuner
TV Tuner Presence	No
Video Interface	HDMI
HDMI Ports Qty	3 ports
PC Interface	DisplayPort
Picture Enhancements	Mega Dynamic Contrast Ratio, Dynamic Crystal Color, 92% Colour Gamut (DCI-P3, CIE 1976)
Design	Slim Design
Dimensions	Without stand
Width	123.51 cm
Depth	4.63 cm
Height	70.79 cm
Weight	18.1 kg
	Display
LCD Display Technology	VA
Resolution	3840 x 2160
Display Format	4K UHD (2160p)
Image Aspect Ratio	16:9
LCD Backlight Technology	LED backlight
Coating	25% anti-glare
Image Contrast Ratio	4000:1
Brightness	500 cd/m²
Viewing Angle	178 degrees
Viewing Angle (Vertical)	178 degrees
Response Time	8 ms
Commercial Features	SMART Signage Platform

Operation Hours / Days	24 / 7
Features	Smart Calibration, Tizen Zero Config
	Stands & Mounts
Stand	Optional
Flat Panel Mount Interface	200 x 200 mm
VESA Compatibility	Yes
	Media Player
USB Port	Yes
USB Ports Qty	2
Configuration	16 GB
Operating System	Tizen OS 6.5
	Network & Internet Multimedia
Connectivity	Wi-Fi, LAN, Bluetooth
	Connections
Connector Type	3 x HDMI input ¦ 2 x USB ¦ Audio line-out ¦ RS-232 input ¦ RS-232 output ¦ Network ¦ Infrared input ¦ DisplayPort input
	Miscellaneous
Compliant Standards	RoHS, WEEE, REACH, EMC Class B, HDCP 2.2, Safety 60950-1, Safety 62368-1
	Environmental Standards
ENERGY STAR Certified	Yes
	Power
Power Device	Power supply
Input Voltage	AC 100-240 V (50/60 Hz)
Power Consumption Sleep	0.5 Watt
	Dimensions & Weight (Shipping)
Width (Shipping)	140.2 cm
Depth (Shipping)	16.3 cm
Height (Shipping)	85.8 cm
Weight (Shipping)	23.6 kg
	Environmental Parameters
Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	10 - 80% (non-condensing)

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