SAMSUNG

Samsung QB65B Digital signage flat panel 165.1 cm (65") LCD Wi-Fi 350 cd/m² 4K Ultra HD Black Built-in processor Tizen 16/7

Brand : Samsung

Product family: QBB

Product code:
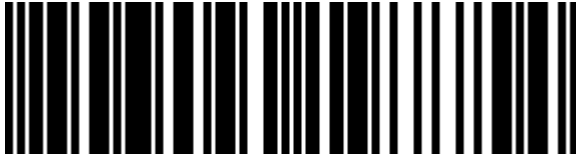LH65QBBEBGCXEN

Product name : QB65B

Samsung QB65B. Product design: Digital signage flat panel. Display diagonal: 165.1 cm (65"), Display technology: LCD, Display resolution: 3840 x 2160 pixels, Display brightness: 350 cd/m², HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 16/7. Operating system installed: Tizen. Product colour: Black

Display

Panel type	VA
Display diagonal *	165.1 cm (65")
Display technology *	LCD
Display resolution *	3840 x 2160 pixels
Display brightness *	350 cd/m²
HD type *	4K Ultra HD
Touchscreen *	✗
Response time	8 ms
Contrast ratio (typical)	4000:1
Dynamic contrast ratio marketing name	Mega Contrast
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Pixel pitch	0.372 x 0.372 mm
Display diagonal (metric)	163 cm
Horizontal scan range	30 - 81 kHz
Vertical scan range	48 - 75 Hz
Haze rate	2%
Pixel frequency (max)	594 MHz
RGB colour space	DCI-P3
Colour gamut	92%

Ports & interfaces

HDMI ports quantity *	3
HDMI version	2.0
HDMI input ports quantity	3
DVI port *	✗
USB port *	✓
USB ports quantity	2
Ethernet LAN *	✓
Ethernet LAN (RJ-45) ports	1
Wi-Fi *	✓
RS-232 interface	✓
Infrared data port	✓
Remote (IR) input	1

Performance

Purpose *	Universal
Operating hours (hours/days)	16/7
HDCP	✓
HDCP version	2.2

Power

Power consumption (typical) *	182 W
Power consumption (sleep)	0.5 W
Energy efficiency class (SDR)	G
Energy consumption (SDR) per 1000 hours	124 kWh
AC input voltage	100-240 V
AC input frequency	50 - 60 Hz
Energy efficiency scale	A to G

Computer system

Computer system *	✓
Computer system type	System on Chip (SoC)
Built-in processor *	✓
Operating system installed	Tizen
Operating system version	6.5

Weight & dimensions

Display width	1453.9 mm
Display depth	46.3 mm
Display height	831 mm
Display weight	24.9 kg

Packaging data

Package width	1611 mm
Package depth	185 mm
Package height	973 mm
Package weight	33.3 kg

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	10 - 80%

Design

Product design *	Digital signage flat panel
Placement supported *	Indoor
Product colour *	Black
Screen shape	Flat
VESA mounting *	✓
Panel mounting interface	400 x 400 mm
Bezel width (bottom)	1.12 cm
Bezel width (side)	9.2 mm
Bezel width (top)	9.2 mm
Bezel colour	Charcoal Black
Mounting type	Wall

Certificates

Certification	Class B 60950-1, 62368-1

Logistics data

Harmonized System (HS) code	85285210

Technical details

Audio out (mini jack)	1
Compliance certificates	REACH, RoHS, WEEE

Other features

Bluetooth	✓
Flash memory	8000 MB
RS-232 input ports	1
RS-232 output ports	1
RJ-45 input ports	1
Optional features	WMN4277SF

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