Samsung QM55B-T Digital signage flat panel 139.7 cm (55") LCD Wi-Fi 400 cd/m² 4K Ultra HD Black Touchscreen Built-in processor Tizen 6.5 24/7

Brand : Samsung

Product family: QMB-T

Product code:
LH55QMBTBGCXEN

Product name : QM55B-T

Samsung QM55B-T. Product design: Digital signage flat panel. Display diagonal: 139.7 cm (55"), Display technology: LCD, Display resolution: 3840 x 2160 pixels, Display brightness: 400 cd/m², HD type: 4K Ultra HD, Touchscreen. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Tizen 6.5. Product colour: Black

Display

Panel type	VA
Display diagonal *	139.7 cm (55")
Display technology *	LCD
Display resolution *	3840 x 2160 pixels
Display brightness *	400 cd/m²
HD type *	4K Ultra HD
Touchscreen *	✔
Touchscreen technology	Capacitive
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	0.315 x 0.315 mm
Display diagonal (metric)	138 cm
Horizontal scan range	30 - 81 kHz
Vertical scan range	48 - 75 Hz
Haze rate	25%
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 *	✘
DisplayPorts quantity *	1
DisplayPorts in	1
DisplayPort version	1.2
USB port *	✔
USB ports quantity	2
Ethernet LAN *	✔
Ethernet LAN (RJ-45) ports	1
Wi-Fi *	✔
RS-232 interface	✔

Design

Bezel colour	Charcoal Black

Performance

Purpose *	Universal
Operating hours (hours/days)	24/7
HDCP	✔
HDCP version	2.2

Power

Power consumption (typical) *	143 W
Power consumption (sleep)	0.5 W
Energy efficiency class (SDR)	G
Energy consumption (SDR) per 1000 hours	107 kWh
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz

Computer system

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

Weight & dimensions

Display width	1253.8 mm
Display depth	56.7 mm
Display height	734.6 mm
Display weight	26.9 kg

Packaging data

Package width	1421 mm
Package depth	165 mm
Package height	884 mm
Package weight	32.5 kg

Operational conditions

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

Ports & interfaces

Infrared data port	✔
Remote (IR) input	1

Design

Product design *	Digital signage flat panel
Placement supported *	Indoor
Product colour *	Black
Screen shape	Flat
VESA mounting *	✔
Panel mounting interface	200 x 200 mm

Certificates

Certification	Class B 60950-1, 62368-1

Technical details

Audio out (mini jack)	1

Other features

Bluetooth	✔
Flash memory	16000 MB
RS-232 input ports	1
RS-232 output ports	1
RJ-45 input ports	1
Optional features	WMN4070SG STN-L4355G

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