SAMSUNG

Samsung QBR-TM QB13R-TM Interactive flat panel 33 cm (13") LED Wi-Fi 500 cd/m² Full HD Black Touchscreen Built-in processor Tizen 4.0 16/7

Brand : Samsung   **Product family:** QBR-TM   **Product code:** LH13QBRTMGCXEN
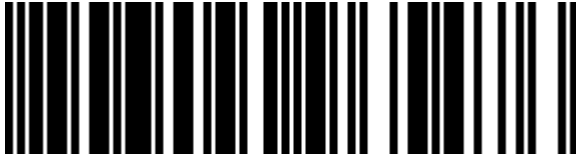
Product name : QB13R-TM

Samsung QBR-TM QB13R-TM. Product design: Interactive flat panel. Display diagonal: 33 cm (13"), Display technology: LED, Display resolution: 1920 x 1080 pixels, Display brightness: 500 cd/m², HD type: Full HD, Touchscreen. Wi-Fi. Operating hours (hours/days): 16/7. Operating system installed: Tizen 4.0. Product colour: Black

Display

Panel type	ADS
Display diagonal *	33 cm (13")
Display technology *	LED
Display resolution *	1920 x 1080 pixels
Display brightness *	500 cd/m²
HD type *	Full HD
Touchscreen *	✓
Multi-touch	✓
Response time	30 ms
Contrast ratio (typical)	600:1
Contrast ratio (dynamic)	10000:1
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Pixel pitch	0.153 x 0.153 mm
Horizontal scan range	30 - 81 kHz
Vertical scan range	48 - 75 Hz
Haze rate	25%
Pixel frequency (max)	594 MHz
Colour gamut	45%

Ports & interfaces

HDMI ports quantity *	1
HDMI version	1.4
HDMI input ports quantity	1
USB port *	✓
USB ports quantity	1
Ethernet LAN *	✓
Ethernet LAN (RJ-45) ports	1
Wi-Fi *	✓
RS-232 interface	✓
DC-in jack	✓

Design

Product design *	Interactive flat panel
Placement supported *	Indoor
Product colour *	Black
Screen shape	Flat
VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Bezel width (bottom)	1.31 cm
Bezel width (side)	1.31 cm

Design

Bezel width (top)	1.31 cm
Bezel colour	Charcoal Black

Performance

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

Power

Power consumption (typical) *	27.5 W
Power consumption (sleep)	0.5 W
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 4.0

Weight & dimensions

Display width	322 mm
Display depth	29.8 mm
Display height	193.5 mm
Display weight	1.1 kg

Packaging data

Package width	376 mm
Package depth	248 mm
Package height	132 mm
Package weight	2 kg

Operational conditions

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

Certificates

Certification	Class B 60950-1, 62368-160950-1, 62368-1

Technical details

Audio out (mini jack)	1

Other features

Flash memory	8000 MB
RS-232 input ports	1
RJ-45 input ports	1

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