SAMSUNG

Samsung QE85T Digital signage flat panel 2.16 m (85") LCD 300 cd/m² 4K Ultra HD Black Built-in processor Tizen 4.0 16/7

Brand : Samsung

Product family: QET

Product code:
LH85QETELGCXEN

Product name : QE85T

- Engage customers with lifelike UHD images
- Deliver UHD-level picture quality even with lower resolution content through Crystal Processor 4K
- Easily manage display content with MagicINFO Lite solution

85", VA, 4K UHD (3840 x 2160), 300 nit, 1200:1, 178/178, 8 ms, RJ-45, HDCP, HDMI, RS232, AC 100-240V, 50/60Hz, 1900.9 x 1086.2 x 26.9 mm, 41.5 kg
Samsung QE85T. Product design: Digital signage flat panel. Display diagonal: 2.16 m (85"), Display technology: LCD, Display resolution: 3840 x 2160 pixels, Display brightness: 300 cd/m², HD type: 4K Ultra HD. Operating hours (hours/days): 16/7. Operating system installed: Tizen 4.0. Product colour: Black

Display

Panel type	VA
Display diagonal *	2.16 m (85")
Display technology *	LCD
Display resolution *	3840 x 2160 pixels
Display brightness *	300 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	0.4875 x 0.4875 mm
Colour saturation	72%
Horizontal scan range	15 - 135 kHz
Vertical scan range	24 - 75 Hz
Haze rate	2%
Pixel frequency (max)	594 MHz
Colour gamut	72%

Ports & interfaces

HDMI ports quantity *	2
HDMI version	2.0
HDMI input ports quantity	2
DVI port *	✘
USB port *	✔
USB ports quantity	1
Ethernet LAN *	✔
Ethernet LAN (RJ-45) ports	1
RS-232 interface	✔

Design

Product design *	Digital signage flat panel
Placement supported *	Indoor
Product colour *	Black
Screen shape	Flat
VESA mounting *	✔
Panel mounting interface	600 x 400 mm
Bezel type	3 Bezel-less
Bezel colour	Black

Performance

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

Power

Power consumption (typical) *	275 W
Power consumption (sleep)	0.5 W
AC input voltage	100 - 200 V
AC input frequency	50 - 60 Hz
Energy efficiency scale	A+++ to D

Computer system

Computer system *	✔
Computer system type	System on Chip (SoC)
Built-in processor *	✔
Operating system installed	Tizen 4.0

Weight & dimensions

Display width	1900.9 mm
Display depth	26.9 mm
Display height	1086.2 mm
Display weight	41.5 kg

Packaging data

Package width	2075 mm
Package depth	220 mm
Package height	1237 mm
Package weight	54.3 kg

Operational conditions

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

Certificates

Certification	Class B 60950-1, 62368-1

Technical details

Audio out (mini jack)	1

Other features

Annual energy consumption	304 kWh
Flash memory	8000 MB

Other features

RS-232 input ports	1
RJ-45 input ports	1
Energy efficiency class (old)	A
Optional features	WMN8200SG

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