

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		Performance	
Panel type	VA	Purpose *	Universal
Display diagonal *	2.16 m (85")	Operating hours (hours/days)	16/7
Display technology *	LCD	HDCP	✓
Display resolution *	3840 x 2160 pixels	HDCP version	2.2
Display brightness *	300 cd/m ²	Power	
HD type *	4K Ultra HD	Power consumption (typical) *	275 W
Touchscreen *	✗	Power consumption (sleep)	0.5 W
Response time	8 ms	AC input voltage	100 - 200 V
Contrast ratio (typical)	4000:1	AC input frequency	50 - 60 Hz
Dynamic contrast ratio marketing name	Mega Contrast	Energy efficiency scale	A+++ to D
Viewing angle, horizontal	178°	Computer system	
Viewing angle, vertical	178°	Computer system *	✓
Pixel pitch	0.4875 x 0.4875 mm	Computer system type	System on Chip (SoC)
Colour saturation	72%	Built-in processor *	✓
Horizontal scan range	15 - 135 kHz	Operating system installed	Tizen 4.0
Vertical scan range	24 - 75 Hz	Weight & dimensions	
Haze rate	2%	Display width	1900.9 mm
Pixel frequency (max)	594 MHz	Display depth	26.9 mm
Colour gamut	72%	Display height	1086.2 mm
Ports & interfaces		Display weight	41.5 kg
HDMI ports quantity *	2	Packaging data	
HDMI version	2.0	Package width	2075 mm
HDMI input ports quantity	2	Package depth	220 mm
DVI port *	✗	Package height	1237 mm
USB port *	✓	Package weight	54.3 kg
USB ports quantity	1	Operational conditions	
Ethernet LAN *	✓	Operating temperature (T-T)	0 - 40 °C
Ethernet LAN (RJ-45) ports	1	Operating relative humidity (H-H)	10 - 80%
RS-232 interface	✓	Certificates	
Design		Certification	Class B 60950-1, 62368-1
Product design *	Digital signage flat panel	Technical details	
Placement supported *	Indoor	Audio out (mini jack)	1
Product colour *	Black	Other features	
Screen shape	Flat	Annual energy consumption	304 kWh
VESA mounting *	✓	Flash memory	8000 MB
Panel mounting interface	600 x 400 mm		
Bezel type	3 Bezel-less		
Bezel colour	Black		

Other features

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



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