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: 3840×2160 pixels, Display brightness: 300 cd/m^2 , HD type: 4K Ultra HD. Operating hours (hours/days): 16/7. Operating system installed: Tizen 4.0. Product colour: Black





Display Performance Performance Performance Panel type ∨16 m (85") Operating hours (hours/days) 167 Display technology* LCD HDCP ✓ Display resolution* 38040 x 2160 pixels HDCP version 2.2 Display brightness* 300 cdm² Power 2.2 HD type* 4K Ultra HD Power consumption (typical)* 2.75 W Touchscreen* X Power consumption (sleep) 0.5 W Response time 8 ms AC input voltage 100 - 200 V Contrast ratio (typical) 4000-1 AC input voltage 100 - 200 V Viewing angle, horizontal 178° Computer system 4+++ to D Viewing angle, vertical 178° Computer system* ✓ Viewing angle, vertical scan range 24 - 75 Hz Operating system installed Tizen 4.0 Horizontal Scan range 24 - 75 Hz Operating system installed Tizen 4.0 Horizontal scan range 24 - 75 Hz Display weight 26.9 mm Horizontal scan range 24 - 75 Hz<				
Display diagonal * 2.16 m (85") Operating hours (hours/days) 16/7 Display technology * LCD HDCP ✓ Display technology * 2840 x 2160 pixels HDCP version 2.2 Display brightness * 300 cd/m² Power HD type * 4K Ultra HD Power consumption (typical) * 275 W Response time 8 ms Act input voltage 100 - 200 V Contrast ratio (typical) 4000:1 Act input voltage 100 - 200 V Viewing angle, horizontal 178° Computer system X ++ to D Viewing angle, horizontal 178° Computer system X ++ to D Viewing angle, horizontal 178° Computer system X ++ to D Viewing angle, horizontal 178° Computer system Y Viewing angle, horizontal 218° Y Pixel sys	Display		Performance	
HD type	Display diagonal * Display technology *	2.16 m (85") LCD	Operating hours (hours/days) HDCP	16/7 •
Touchscreen* X Power consumption (typical) 275 W Response time 8 ms AC input voltage 100 - 200 V Contrast ratio (typical) 4000:1 AC input voltage 100 - 200 V Dynamic contrast ratio marketing name Mega Contrast Energy efficiency scale A+++ to D Viewing angle, horizontal 178° Computer system V Viewing angle, vortical 178° Computer system* V Pixel pitch 0.4875 x 0.4875 mm Computer system type System on Chip (SoC) Colour saturation 72% Suilt-in processor * V Horizontal scan range 15 - 135 kHz Operating system installed Tizen 4.0 Vertical scan range 24 - 75 Hz Weight & dimensions Tizen 4.0 Pixel frequency (max) 594 MHz Display width 1900.9 mm Colour samut 72% Display weight 26.9 mm Ports & interfaces Ports & interfaces Packaging data HDMI ports quantity* 2 Package width 20.75 mm USB ports* V	. , ,	·	Power	
Viewing angle, horizontal 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 Operating system installed Tizen 4.0 Haze rate 2% Weight & dimensions Pixel frequency (max) 594 MHz Display width 1900.9 mm Colour gamut 72% Display width 1086.2 mm Ports & interfaces Display height 1086.2 mm HDMI ports quantity* 2 Packaging data HDMI input ports quantity 2 Package width 2075 mm DVI port * X Package depth 220 mm USB port * ✓ Package height 1237 mm USB ports quantity 1 Package weight 54.3 kg USB ports quantity 1 Operating temperature (T-T) 0 - 40 °C RS-232 interface ✓ Operating relative humidity (H-H) 10 - 80% Design Digital signage flat panel Certificates Product design * Digital signage flat panel Certification	Touchscreen * Response time Contrast ratio (typical) Dynamic contrast ratio marketing	X 8 ms 4000:1	Power consumption (sleep) AC input voltage AC input frequency	0.5 W 100 - 200 V 50 - 60 Hz
Pixel pitch 0.4875 x 0.4875 mm Computer system *		178°	Computer system	
Haze rate 2% Weight & dimensions Pixel frequency (max) 594 MHz Display width 1900.9 mm Colour gamut 72% Display depth 26.9 mm Ports & interfaces HDMI ports quantity* 2 HDMI input ports quantity 2 VY Packaging data HDMI input ports quantity 2 VY Package depth 200 mm USB port* VY Package weight 220 mm USB ports quantity 1 USB ports quantity 1 Ethernet LAN* VY Package weight 24.3 kg Ethernet LAN (RJ-45) ports 1 Ethernet LAN (RJ-45) ports 1 RS-232 interface V Digital signage flat panel Placement supported * Digital signage flat panel Product design * Placement supported * Digital signage flat panel Product colour * Black Placement supported * Black Product design * Black Product colour * Black Product design * Black Product colour * Black Product design * Black	Viewing angle, vertical 178° Pixel pitch 0.4875 x 0.4875 mm Colour saturation 72% Horizontal scan range 15 - 135 kHz	0.4875 x 0.4875 mm 72% 15 - 135 kHz	Computer system type Built-in processor *	System on Chip (SoC) ✓
Pixel frequency (max) 594 MHz Display width 1900.9 mm Colour gamut 72% Display depth 26.9 mm Ports & interfaces Display height 1086.2 mm HDMI ports quantity * 2 Display weight 41.5 kg HDMI version 2.0 Packaging data HDMI input ports quantity 2 Package width 2075 mm DVI port * X Package depth 220 mm USB port * ✓ Package height 1237 mm USB ports quantity 1 Package weight 54.3 kg Ethernet LAN * ✓ Operational conditions Ethernet LAN (RJ-45) ports 1 Operating temperature (T-T) 0 - 40 °C RS-232 interface ✓ Operating relative humidity (H-H) 10 - 80% Design Certificates Product design * Digital signage flat panel Certification Class B 60950-1, 62368-1 Product colour * Black	_		Weight & dimensions	
HDMI ports quantity * 2 HDMI version 2.0 Packaging data HDMI input ports quantity 2 Package width 2075 mm DVI port * X Package depth 220 mm USB port * Y Package height 1237 mm USB ports quantity 1 Package weight 54.3 kg Ethernet LAN * Y Operational conditions Ethernet LAN (RJ-45) ports 1 Operating temperature (T-T) 0 - 40 °C RS-232 interface Y Operating relative humidity (H-H) 10 - 80% Design Certificates Product design * Digital signage flat panel Package Market Product Colour * Black Product Colour * Black	Pixel frequency (max)	594 MHz		
HDMI ports quantity * 2 HDMI version 2.0 HDMI input ports quantity 2 Package width 2075 mm DVI port * X Package depth 220 mm USB port * ✓ Package height 1237 mm USB ports quantity 1 USB ports quantity 1 Ethernet LAN * ✓ Operational conditions Ethernet LAN (RJ-45) ports 1 RS-232 interface ✓ Operating temperature (T-T) 0 - 40 °C RS-232 interface ✓ Operating relative humidity (H-H) 10 - 80% Design Certificates Product design * Digital signage flat panel Certification Class B 60950-1, 62368-1 Placement supported * Indoor Product colour * Black	Ports & interfaces		' ' '	
DVI port *			. , ,	41.5 kg
Ethernet LAN * Ethernet LAN (RJ-45) ports 1 Operating temperature (T-T) 0 - 40 °C RS-232 interface Operating relative humidity (H-H) 10 - 80% Certificates Product design * Digital signage flat panel Placement supported * Indoor Product colour * Black Black	DVI port * USB port *	×	Package depth Package height	220 mm 1237 mm
RS-232 interface Operating relative humidity (H-H) 10 - 80% Certificates Product design * Digital signage flat panel Certification Class B 60950-1, 62368-1 Placement supported * Indoor Technical details Product colour * Black			Operational conditions	
Product design * Digital signage flat panel Certification Class B 60950-1, 62368-1 Placement supported * Indoor Technical details Product colour * Black			Operating temperature (T-T)	
Placement supported * Indoor Technical details Product colour * Black	Design		Certificates	
Product colour * Black	Placement supported * Indoor			Class B 60950-1, 62368-1
				1

Design		Other features	
Screen shape	Flat	Annual energy consumption	304 kWh
VESA mounting *	✓	Flash memory	8000 MB
Panel mounting interface	600 x 400 mm	RS-232 input ports	1
Bezel type	3 Bezel-less	RJ-45 input ports	1
Bezel colour	Black	Energy efficiency class (old)	Α
		Optional features	WMN8200SG



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