

## Samsung QP85A-8K Digital signage flat panel 2.16 m (85") LCD Wi-Fi 500 cd/m<sup>2</sup> 8K Ultra HD Stainless steel Built-in processor Tizen 6.0 16/7

Brand : Samsung

Product family: QPA

Product code:  
LH85QPA8BGCXEN

Product name : QP85A-8K



Samsung QP85A-8K. Product design: Digital signage flat panel. Display diagonal: 2.16 m (85"), Display technology: LCD, Display resolution: 7680 x 4320 pixels, Display brightness: 500 cd/m<sup>2</sup>, HD type: 8K Ultra HD. Wi-Fi. Operating hours (hours/days): 16/7. Operating system installed: Tizen 6.0. Product colour: Stainless steel

Display		Design	
Panel type	VA	Panel mounting interface	600 x 400 mm
Display diagonal *	2.16 m (85")	Bezel type	4 Bezel-less
Display technology *	LCD	Bezel width (bottom)	9.8 mm
Display resolution *	7680 x 4320 pixels	Bezel width (side)	0.8 mm
Display brightness *	500 cd/m <sup>2</sup>	Bezel width (top)	0.8 mm
HD type *	8K Ultra HD	Bezel colour	Stainless Steel
Touchscreen *	✗	Performance	
Response time	6 ms	Purpose *	Universal
Contrast ratio (typical)	1500:1	Operating hours (hours/days)	16/7
Dynamic contrast ratio marketing name	Mega Contrast	HDCP	✓
Viewing angle, horizontal	178°	HDCP version	2.2
Viewing angle, vertical	178°	Power	
Pixel pitch	0.24375 x 0.24375 mm	Power consumption (typical) *	489.5 W
Horizontal scan range	15.625 - 270 kHz	Power consumption (sleep)	0.5 W
Vertical scan range	24 - 120 Hz	AC input voltage	100 - 240 V
High Dynamic Range (HDR) supported	✓	AC input frequency	50 / 60 Hz
Haze rate	2%	Computer system	
Pixel frequency (max)	2376 MHz	Computer system *	✓
RGB colour space	DCI-P3	Computer system type	System on Chip (SoC)
Colour gamut	93%	Built-in processor *	✓
Ports & interfaces		Operating system installed	Tizen 6.0
HDMI ports quantity *	4	Weight & dimensions	
HDMI version	2.0/2.1	Display width	1893.4 mm
HDMI input ports quantity	4	Display depth	17.4 mm
DVI port *	✗	Display height	1083 mm
USB port *	✓	Display weight	43.3 kg
USB ports quantity	3	Packaging data	
Ethernet LAN *	✓	Package width	2114 mm
Ethernet LAN (RJ-45) ports	1	Package depth	220 mm
Wi-Fi *	✓	Package height	1260 mm
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Package weight	71.7 kg
RS-232 interface	✓		
Digital audio optical out	1		

Design		Operational conditions	
Product design *	Digital signage flat panel	Operating temperature (T-T)	0 - 40 °C
Placement supported *	Indoor	Operating relative humidity (H-H)	10 - 90%
Product colour *	Stainless steel	Certificates	
Screen shape	Flat	Certification	Class B 60065, 62368-1
VESA mounting *	✓	Logistics data	
		Harmonized System (HS) code	85285210
		Other features	
		Bluetooth	✓
		Flash memory	16000 MB



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