

Samsung QP65A-8K Signage Display Digital signage flat panel
165.1 cm (65") LED Wi-Fi 500 cd/m² 8K Ultra HD Black Built-in
processor 16/7

Brand : Samsung

Product code: QP65A-8K

Product name : QP65A-8K

- AI upscaling that Neo QLED 8K utilizes for an optimized viewing experience and every visual detail of your 8K content
- Crystal clear picture quality with more than 33 million pixels, over a billion shades of color, 12-bit contrast levels and Local Brightness Booster
- Clutter-free connectivity and the new pivot functionality with a slim, simple bezel optimize the space for efficiency regardless of the environment

65", QLED, 7680 x 4320, UHD, 500 nit, 6.5 ms, 16/7, HDMI x 2, USB x 3

Samsung QP65A-8K. Product design: Digital signage flat panel. Display diagonal: 165.1 cm (65"), Display technology: LED, Display resolution: 7680 x 4320 pixels, Display brightness: 500 cd/m², HD type: 8K Ultra HD. Wi-Fi. Operating hours (hours/days): 16/7. Product colour: Black



Display		Performance	
LED backlighting type	Direct-LED	Operating hours (hours/days)	16/7
Display diagonal *	165.1 cm (65")	HDCP	✓
Display technology *	LED	HDCP version	2.2
Display resolution *	7680 x 4320 pixels	Power	
Display brightness *	500 cd/m²	Power consumption (typical) *	291 W
HD type *	8K Ultra HD	Power consumption (sleep)	0.5 W
Response time	6.5 ms	Energy efficiency class (SDR)	G
Contrast ratio (typical)	1200:1	Energy efficiency class (HDR)	G
Viewing angle, horizontal	178°	Energy consumption (SDR) per 1000 hours	291 kWh
Viewing angle, vertical	178°	Energy consumption (HDR) per 1000 hours	370 kWh
Display number of colours	1.07 billion colours	AC input voltage	100 - 240 V
Pixel pitch	186 x 186 mm	AC input frequency	50 - 60 Hz
Active display area (W x H)	803.52 x 1428.48 mm	Energy efficiency scale	A to G
Colour saturation	93%	Computer system	
Horizontal scan range	0 - 270 kHz	Built-in processor *	✓
Vertical scan range	0 - 120 Hz	Processor frequency	1.66 GHz
Haze rate	2 - 5%	Processor cores	4
RGB colour space	DCI-P3	Internal memory	5 GB
Ports & interfaces		Internal storage capacity	16 GB
HDMI ports quantity *	2	Weight & dimensions	
HDMI version	2.0/2.1	Width	1443.7 mm
HDMI input ports quantity	2	Depth	16.9 mm
USB port *	✓	Height	828.4 mm
USB ports quantity	3	Weight	22.7 kg
USB version	2.0	Packaging data	
Ethernet LAN *	✓	Package width	1625 mm
Ethernet LAN (RJ-45) ports	1	Package depth	195 mm
Wi-Fi *	✓	Package height	947 mm
RS-232 interface	✓	Package weight	43.4 kg
RS-232C	✓	Packaging content	
Audio		Remote control included	✓
Built-in speaker(s) *	✓		
RMS rated power	70 W		

Design		Packaging content	
Product design *	Digital signage flat panel	Cables included	AC
Product colour *	Black	Operational conditions	
VESA mounting *	✓	Operating temperature (T-T)	0 - 40 °C
Panel mounting interface	400 x 300 mm	Operating relative humidity (H-H)	10 - 80%
Performance		Features	
High Dynamic Range 10 (HDR10)	✓	Heat dissipation (max)	1387.87 BTU/h



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