

**Philips 55BDL3650QE/00 Signage Display Digital signage flat panel  
138.7 cm (54.6") Wi-Fi 350 cd/m<sup>2</sup> 4K Ultra HD Black Built-in  
processor Android 10**



Brand : Philips

Product code: 55BDL3650QE/00

Product name : 55BDL3650QE/00

54.6" 3840 x 2160, 16:9, 350 cd/m<sup>2</sup>, 1200:1, Android 10, 100-240 V, 50/60 Hz, 70 W  
Philips 55BDL3650QE/00. Product design: Digital signage flat panel. Display diagonal: 138.7 cm (54.6"),  
Display resolution: 3840 x 2160 pixels, Display brightness: 350 cd/m<sup>2</sup>, HD type: 4K Ultra HD. Wi-Fi.  
Operating system installed: Android 10. Product colour: Black



Display		Design	
Panel type	IPS	Panel mounting interface	400 x 400 mm
LED backlight	✓	Bezel width (bottom)	1.39 cm
LED backlighting type	Direct-LED	Bezel width (side)	1.39 cm
Display diagonal *	138.7 cm (54.6")	Bezel width (top)	1.39 cm
Display resolution *	3840 x 2160 pixels	<b>Performance</b>	
Display brightness *	350 cd/m <sup>2</sup>	Purpose *	Universal
HD type *	4K Ultra HD	On Screen Display (OSD)	✓
Touchscreen *	✗	On Screen Display (OSD) languages	Arabic, Simplified Chinese, Traditional Chinese, German, English, Spanish, French, Italian, Japanese, Polish, Russian, Turkish
Native aspect ratio	16:9	Open Pluggable Specification (OPS)	✓
Response time	8 ms	Mean time between failures (MTBF)	30000 h
Contrast ratio (typical)	1200:1	<b>Power</b>	
Contrast ratio (dynamic)	500000:1	Power consumption (typical) *	70 W
Viewing angle, horizontal	178°	Power consumption (standby) *	0.5 W
Viewing angle, vertical	178°	Power consumption (max)	120 W
Display number of colours	1.06 billion colours	Energy efficiency class (SDR)	D
Pixel pitch	0.2854 x 0.2854 mm	AC input voltage	100 - 240 V
Display diagonal (metric)	125.7 cm	AC input frequency	50 - 60 Hz
<b>Ports &amp; interfaces</b>		<b>Computer system</b>	
HDMI ports quantity *	2	Computer system *	✗
HDMI version	2.0	Built-in processor *	✓
DVI port *	✓	Operating system installed	Android 10
DVI-I ports quantity	1	Video formats supported	H.263, H.264, H.265, MPEG1, MPEG2, VP8, VP9
USB port *	✓	Audio formats supported	AAC, HE-AAC, MPEG
USB ports quantity	4	Image formats supported	BMP, JPEG, PNG
USB version	2.0	<b>Weight &amp; dimensions</b>	
USB 2.0 Type-B ports quantity	2	Display width	1241.8 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2	Display depth	63.6 mm
Ethernet LAN *	✓	Display height	712.6 mm
Ethernet LAN (RJ-45) ports	1	Display weight	17.2 kg
Wi-Fi *	✓	<b>Packaging content</b>	
RS-232 interface	✓	Cables included	AC, RS-232
Infrared data port	✓	<b>Operational conditions</b>	
Card reader integrated	✓	Operating temperature (T-T)	0 - 40 °C
Compatible memory cards	MicroSD (TransFlash)	Operating relative humidity (H-H)	20 - 80%
<b>Audio</b>		Storage temperature (T-T)	-20 - 60 °C
Built-in speaker(s) *	✓	Storage relative humidity (H-H)	5 - 95%
Number of built-in speakers	2	<b>Design</b>	
RMS rated power	20 W	Product design *	Digital signage flat panel
<b>Design</b>		Placement supported *	Indoor

Design		Features	
Orientation	Horizontal/Vertical	Tiled bezel width	1.5 cm
Product colour *	Black	<b>Technical details</b>	
Screen shape	Flat	Internal memory	3000 MB
VESA mounting *	✓	Warranty period	3 year(s)
		Compliance certificates	BSMI, CB, CE, ETL, Federal Communications Commission (FCC), RoHS, VCCI



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