

Philips 50BDL4650D Digital signage flat panel 127 cm (50") LCD Wi-Fi 500 cd/m² 4K Ultra HD Black Built-in processor Android 11 24/7



Brand : Philips

Product code: 50BDL4650D/00

Product name : 50BDL4650D

50", 4K UHD VA (3840 x 2160), 500 cd/m², 8 ms, WiFi 6 + Bluetooth 5.2, Quad Core Cortex 2x A72 + 4x A53, 4/32 GB, Android 11

Philips 50BDL4650D. Product design: Digital signage flat panel. Display diagonal: 127 cm (50"), Display technology: LCD, Display resolution: 3840 x 2160 pixels, Display brightness: 500 cd/m², HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Android 11. Product colour: Black

Display		Design	
Panel type	VA	Bezel width (bottom)	1.49 cm
Display diagonal *	127 cm (50")	Bezel width (side)	1.49 cm
Display technology *	LCD	Bezel width (top)	1.49 cm
Display resolution *	3840 x 2160 pixels	Performance	
Display brightness *	500 cd/m ²	Purpose *	Universal
HD type *	4K Ultra HD	On Screen Display (OSD)	✓
Touchscreen *	✗	Operating hours (hours/days)	24/7
Native aspect ratio	16:9	Mean time between failures (MTBF)	50000 h
Response time	8 ms	Power	
Contrast ratio (typical)	4000:1	Power consumption (standby) *	0.5 W
Contrast ratio (dynamic)	500000:1	Energy efficiency class (SDR)	G
Viewing angle, horizontal	178°	AC input voltage	100-240 V
Viewing angle, vertical	178°	AC input frequency	50-60 Hz
Display number of colours	1.07 billion colours	Energy efficiency scale	A to G
Pixel pitch	0.2854 x 0.2854 mm	Computer system	
Display diagonal (metric)	125.7 cm	Computer system *	✓
Native refresh rate	60 Hz	Computer system type	System on Chip (SoC)
Haze rate	25%	Built-in processor *	✓
Ports & interfaces		Processor family	ARM Cortex
HDMI ports quantity *	2	Processor architecture	ARM Cortex-A53+Cortex-A72
HDMI version	2.0	Internal memory	4 GB
HDMI input ports quantity	2	Internal storage capacity	32 GB
DVI port *	✓	Operating system installed	Android 11
DVI-I ports quantity	1	Weight & dimensions	
DisplayPorts quantity *	2	Display width	1128.4 mm
DisplayPorts in	1	Display depth	63.5 mm
DisplayPorts out	1	Display height	649 mm
USB port *	✓	Display weight	14.8 kg
USB ports quantity	4	Packaging content	
USB version	2.0/3.2 Gen 1 (3.1 Gen 1)	Remote control included	✓
USB connector type	Micro-USB, USB Type-A	Batteries included	✓
Ethernet LAN *	✓	Cables included	AC, IR sensor, RS-232
Ethernet LAN (RJ-45) ports	1	Operational conditions	
Wi-Fi *	✓	Operating temperature (T-T)	0 - 40 °C
RS-232C	✓		
Infrared data port	✓		

Audio		Operational conditions	
Built-in speaker(s) *	✓	Operating relative humidity (H-H)	20 - 80%
Number of built-in speakers	2	Storage temperature (T-T)	-20 - 60 °C
RMS rated power	20 W	Storage relative humidity (H-H)	5 - 95%
Design		Other features	
Product design *	Digital signage flat panel	Quick start guide	✓
Placement supported *	Indoor	Audio input	1
Orientation	Horizontal/Vertical	Audio output	1
Product colour *	Black	Bluetooth	✓
VESA mounting *	✓	Bluetooth version	5.2
Panel mounting interface	400 x 400 mm		



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