

**Philips 86BDL4052E/02 Signage Display Digital signage flat panel  
165.1 cm (65") LCD Wi-Fi 400 cd/m<sup>2</sup> 4K Ultra HD Black  
Touchscreen Built-in processor Android 11 18/7**



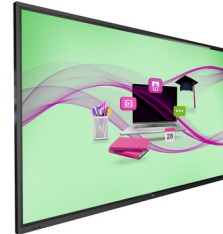
Brand : Philips

Product code: 86BDL4052E/02

Product name : 86BDL4052E/02

86", 4K UHD (3840 x 2160), VA, IR Multi-Touch, 8 ms, 4000:1, 400 cd/m<sup>2</sup>, WiFi, MTK 9970A, 8/32 GB, Android 11

Philips 86BDL4052E/02. Product design: Digital signage flat panel. Display diagonal: 165.1 cm (65"), Display technology: LCD, Display resolution: 3840 x 2160 pixels, Display brightness: 400 cd/m<sup>2</sup>, HD type: 4K Ultra HD, Touchscreen. Wi-Fi. Operating hours (hours/days): 18/7. Operating system installed: Android 11. Product colour: Black



Display		Design	
Panel type	VA	Panel mounting interface	600 x 400 mm
Display diagonal *	165.1 cm (65")	Bezel width (bottom)	3.17 cm
Display technology *	LCD	Bezel width (side)	1.78 cm
Display resolution *	3840 x 2160 pixels	Bezel width (top)	1.78 cm
Display brightness *	400 cd/m <sup>2</sup>	Anti-glare screen	✓
HD type *	4K Ultra HD	<b>Performance</b>	
Touchscreen *	✓	Purpose *	Education
Touchscreen technology	Infrared	On Screen Display (OSD)	✓
Number of simultaneous touchpoints	20	Operating hours (hours/days)	18/7
Native aspect ratio	16:9	Mean time between failures (MTBF)	50000 h
Response time	8 ms	<b>Power</b>	
Contrast ratio (typical)	4000:1	Power consumption (typical) *	450 W
Contrast ratio (dynamic)	500000:1	Power consumption (standby) *	0.5 W
Viewing angle, horizontal	178°	Power consumption (max)	670 W
Viewing angle, vertical	178°	Energy efficiency class (SDR)	G
Display number of colours	1.07 billion colours	AC input voltage	100-240 V
Pixel pitch	0.4935 x 0.4935 mm	AC input frequency	50-60 Hz
Display diagonal (metric)	217.4 cm	<b>Computer system</b>	
Native refresh rate	60 Hz	Computer system *	✓
<b>Ports &amp; interfaces</b>		Built-in processor *	✓
HDMI ports quantity *	4	Internal memory	8 GB
HDMI version	2.0	Internal storage capacity	32 GB
HDMI input ports quantity	3	Operating system installed	Android 11
HDMI output ports quantity	1	<b>Weight &amp; dimensions</b>	
DVI port *	✓	Display width	1960.8 mm
DVI-D ports quantity	1	Display depth	79 mm
USB port *	✓	Display height	1145.7 mm
USB ports quantity	9	Display weight	74.5 kg
USB version	2.0/3.2 Gen 1 (3.1 Gen 1)	<b>Packaging content</b>	
USB connector type	USB Type-A, USB Type-B, USB Type-C	Remote control included	✓
USB Power Delivery	✓	Batteries included	✓
USB Power Delivery up to	65 W	Stylus pen	✓

<b>Ports &amp; interfaces</b>		<b>Packaging content</b>	
Ethernet LAN *	✓	Cables included	AC, DVI, HDMI, IR sensor, RS-232, USB Type-A to USB Type-B
Wi-Fi *	✓	<b>Operational conditions</b>	
RS-232 interface	✓	Operating temperature (T-T)	0 - 40 °C
Infrared data port	✓	Operating relative humidity (H-H)	20 - 80%
Card reader integrated	✓	Storage temperature (T-T)	-20 - 60 °C
Compatible memory cards	MicroSD (TransFlash)	Storage relative humidity (H-H)	5 - 95%
OPS module slot	✓	<b>Technical details</b>	
<b>Audio</b>		Processor	MTK 9970A
Built-in speaker(s) *	✓	<b>Other features</b>	
Number of built-in speakers	2	Quick start guide	✓
RMS rated power	30 W	Audio input	1
<b>Design</b>		Audio output	1
Product design *	Digital signage flat panel	Plug and Play	✓
Orientation	Horizontal		
Product colour *	Black		
VESA mounting *	✓		



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Publication date: 17-SEP-2024. Prints or copies of Information are only valid on the printed Publication date