



#### E-Line Display

- 65"
- Powered by Android
- Multi-touch

65BDL4052E/02

## Interactive education display

Featuring multi-touch technology

Inspire collaboration. Maximise engagement. This top-spec Philips E-Line touch display is powered by Android and features enhanced educational software and programs compatibility, 20 touchpoints, and a toughened anti-glare glass.

#### Benefits

##### Interactive and collaborative

- Advanced IR touch with smaller, shallower bezels
- Multi-touch technology capable of 20 touchpoints
- Catch the Wave for revolutionary results

##### Smart and powerful

- OPS slot allows for PC embedding without cabling

- Whiteboard mode built-in
- Wireless screen sharing & advanced collaboration
- 0-gap touch frame
- Android: Run your own app or choose your favorite app to run
- Anti-glare toughened glass 7 MOHS

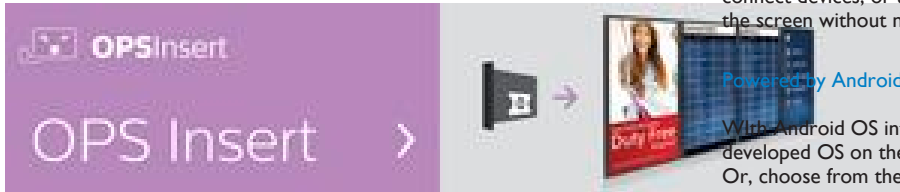
# PHILIPS

## Features

### Multi-touch technology

Create a memorable interactive experience with up to 20 touchpoints at the same time. Perfect for collaborative and competitive applications, this display connects your audience with any content - making it ideal for education, public venues, corporate, hospitality, and retail settings. The touch panel is HID compliant, providing true plug-and-play operation.

### OPS slot



Integrate a full-power PC or Android-powered CRD50 module directly into your Philips Professional Display. The OPS slot contains all the connections you need to run your slot-in solution, including a power supply.

### Whiteboard mode built-in

Inspire agile collaboration with whiteboard mode. Simply activate this feature to turn your display into a blank canvas that can be drawn on by multiple

users by hand or with dedicated display markers. Everything on screen can then be captured for easy printing or file sharing.

### Wireless screen sharing

Display four feeds on the one screen. Wireless screen sharing allows you to connect multiple devices at the same time for quick content switching when you need it. Use your existing Wi-Fi network to instantly and securely connect devices, or use our optional HDMI interact dongles to cast directly to the screen without needing to connect to your secured/protected network.

### Powered by Android

With Android OS integrated into the display, you can work with the most developed OS on the planet and save your own app directly into the display. Or, choose from the large library of Android apps and play content from there. With the built-in scheduler, you can display your apps and content based on your customer and time of day and with the auto orientation feature, showing content in portrait or landscape is as simple as turning the display.

### PPDS Wave

Unlock the power, versatility and intelligence inside your Philips E-Line displays remotely with Wave. This evolutionary cloud platform puts you fully in control, with simplified installation and set-up, monitoring and controlling displays, upgrading firmware, managing playlists and setting power schedules. Saving you time, energy and environmental impact.

## Specifications

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### Picture/Display

Diagonal screen size (metric)	163.9 cm
Diagonal screen size (inch)	64.5 inch
Panel resolution	3840 x 2160
Optimum resolution	3840 x 2160 @ 60 Hz
Dynamic contrast ratio	500,000:1
Response time (typical)	8 ms
Aspect ratio	16:9
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Pixel pitch	0.372 x 0.372 mm
Display colors	1.07 Billion
Picture enhancement	3/2 - 2/2 motion pull down 3D Combfilter Motion compens. deinterlacing Progressive scan 3D MA deinterlacing Dynamic contrast enhancement
Panel technology	ADS
Contrast ratio (typical)	1200:1
Operating system	Android 11
OS UI resolution	3840 x 2160 @ 60 Hz
Brightness (after glass)	360 cd/m <sup>2</sup>
Brightness (before glass)	390 cd/m <sup>2</sup>

### Supported Display Resolution

Computer formats	640 x 350, 70Hz 640 x 480, 60, 67, 72, 75Hz 800 x 600, 56, 60, 72, 75Hz 832 x 624, 75Hz 848 x 480, 60Hz 960x720, 75Hz
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1024x768, 60,70Hz
1152 x 864, 60, 70, 75Hz
1152 x 900, 66Hz
1280 x 720, 60,70Hz
1280 x 768, 60Hz, 75Hz
1280 x 800, 60,75Hz
1280 x 960, 60Hz
1280x1024, 60,67,75Hz
1360 x 768, 60Hz
1366 x 768, 60Hz
1400 x 1050 ,60, 75Hz
1600 x 900, 60Hz
1600 x 1200, 60Hz
1680 x 1050, 60Hz
1920 x 1080, 60Hz
1920 x 1200, 60Hz
3840 x 2160, 24,25,30,60Hz
1440 x 900, 60Hz
720 x 400, 70Hz

### Video formats

480p, 60Hz
720p, 50, 60Hz
1080i, 50, 60Hz
1080p, 50, 60Hz
2160p, 50, 60Hz
480i, 60Hz

### Connectivity

Video input	DVI-D (x1) HDMI 2.0 (x3) USB 2.0 (x3) USB 3.0 (x3) USB-C (up to 65W)
Audio input	3.5 mm mini jack (x1)
Video output	HDMI 2.0 (x1)
Audio output	3.5 mm Mini Jack (x1)
External control	IR (in/out) 3.5 mm jack RJ45 RS232C (in/out) 2.5 mm jack
Other connections	OPS micro SD USB-B (x3)

<b>Convenience</b>		Regulatory approvals	Polish
Placement	Landscape (18/7)		Portuguese
Screen saving functions	Pixel Shift, Low Brightness		Russian
Signal loop through	RS232		Spanish
Ease of installation	IR Loopthrough		Swedish
Network controllable	Smart Insert		Simplified Chinese
Keyboard control	AC Out		Turkish
Remote control signal	RS232	Warranty	Traditional Chinese
Other convenience	RJ45		CE
	Lockable		FCC, Class A
	Lockable		RoHS
	Carrying handles		CB
			EAC
			EMF
			ETL
			5 year warranty
<b>Operating conditions</b>		<b>Multimedia Applications</b>	
Temperature range (operation)	0 ~ 40 °C	USB Playback Video	H.263
Temperature range (storage)	-20 ~ 60 °C		H.264
Altitude	0 ~ 3000 m		H.265
MTBF	50,000 hour(s)		MPEG1/2
Humidity range (operation)[RH]	20 ~ 80% (without condensation)		MPEG4
Humidity range (storage) [RH]	5 ~ 95% (without condensation)	USB Playback Picture	VP8
			VP9
		USB Playback Audio	BMP
			JPEG
			PNG
			AAC
			HEAAC
			MPEG
<b>Power</b>		<b>Interactivity</b>	
Consumption (Typical)	170 W	Multi-touch technology	0-gap Infrared touch
Consumption (Max)	430 W	Touch points	20 simultaneous touch points
Standby power consumption	<0.5W	Plug and play	HID compliant
Mains power	100 ~ 240 VAC, 50 ~ 60 Hz	Protection glass	Anti-Glare
Power Saving Features	Smart Power		Tempered safety glass 7MOHS
Energy Label Class	G		Blue light filter
<b>Sound</b>		<b>Internal Player</b>	
Built-in speakers	2 x15 W	CPU	MTK 9970A
<b>Accessories</b>		Memory	8GB
Included Accessories	Cleaning cloth (x1)	Storage	32 GB eMMC
	AC Power Cord	Wifi	2G/5G/6G 2T2R
	AC Switch Cover		
	Cable clip (x3)	<b>Dimensions</b>	
	DVI - I Cable (1.8m) (x1)	Set Width	1494.3 mm
	HDMI Cable (3m) (x1)	Set Height	883.2 mm
	IR sensor cable (1.8 m) (x1)	Set Depth	99.5mm(D_Max)/
	Philips logo (x1)		78.5mm(D_Wallmount) mm
	Quick start guide (x1)	Set Width (inch)	58.83 inch
	Remote control & AAA batteries	Set Height (inch)	34.77 inch
	RS232 cable	Set Depth (inch)	3.92 (D_Max)/3.09(D_Wallmount)
	RS232 daisy chain cable (x1)		inch
	Touch Pen (x2)	Wall Mount	400 x 400 mm, M8
	USB A to B cable (3m) (x1)	Bezel width	17.8mm(T/R/L) x 31.7mm(B)
	USB cover and screws	Smart Insert mount	100x100mm, 6xM4L6
Optional accessories	Interact dongles	Weight	44.26 kg
<b>Miscellaneous</b>		<b>Weight</b>	
On-Screen Display Languages	Arabic	Product with packaging (kg)	53.8 kg
	Dutch	Product with packaging (lb)	118.61 lb
	Danish	Product without stand (kg)	44.26 kg
	English	Product without stand (lb)	97.58 lb
	French		
	Finnish		
	German		
	Italian		
	Japanese		
	Norwegian		



data subject to change  
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