



E-Line Display

- 65"
- Powered by Android
- Multi-touch

65BDL3052E/00

Interactive education display

Featuring multi-touch technology

The Philips E-Line touch display maximises engagement and inspires collaboration with up to 20 touchpoints. Powered by Android and featuring a toughened anti-glare glass, it's made to withstand heavy daily usage in the classroom.

Benefits

Interactive and collaborative

- Advanced IR touch with smaller, shallower bezels
- Operate, monitor and maintain with CMND & Control
- Multi-touch technology capable of 20 touchpoints

Smart and powerful

- 0-gap touch frame

- Android: Run your own app or choose your favorite app to run
- Anti-glare toughened glass 7 MOHS
- OPS slot allows for PC embedding without cabling
- Whiteboard mode built-in

Features

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 daypart 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.

PHILIPS

CMND & Control



Run your display network over a local (LAN) connection. CMND & Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

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.

Specifications

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Picture/Display

Diagonal screen size (metric)	163.9 cm
Diagonal screen size (inch)	65 inch
Panel resolution	3840 x 2160
Optimum resolution	3840 x 2160 @ 60 Hz
Brightness	350 cd/m ²
Response time (typical)	8 ms
Aspect ratio	16:9
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Pixel pitch	0.372(H) x 0.372 (V) [mm]
Display colors	1.07 B
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 8.0
OS UI resolution	1920 x 1080 @ 60 Hz

Supported Display Resolution

Computer formats	720 x 400, 70Hz
	832 x 624, 75Hz
	1440 x 900, 60Hz
	1600 x 900, 60Hz
	1680 x 1050, 60Hz
	1920 x 1080, 60Hz
	1024 x 768, 60Hz
	1152 x 870, 75Hz
	1280 x 1024, 60Hz
	1280 x 720, 60Hz
	3840 x 2160, 30, 60Hz
	640 x 480, 60,67,75Hz
	800 x 600, 60Hz
	480i, 60Hz
480p, 60Hz	
Video formats	720p, 50, 60Hz
	1080i, 50, 60Hz
	1080p, 50, 60Hz
	2160p, 30, 60Hz
	576i, 50Hz
	576p, 50Hz

Connectivity

Video input	DVI-D (x1) HDMI 2.0 (x3) VGA (Analog D-Sub) (x1) USB 2.0 (x4) USB-C (up to 65W)
Audio input	3.5 mm mini jack (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)

Convenience

Placement	Landscape (18/7)
Screen saving functions	Pixel Shift, Low Brightness
Signal loop through	RS232 IR Loophthrough
Ease of installation	AC Out Smart Insert
Network controllable	RS232 RJ45
Keyboard control	Lockable
Remote control signal	Lockable
Other convenience	Carrying handles

Operating conditions

Temperature range (operation)	0 ~ 40 °C
Temperature range (storage)	-20~60 °C
Altitude	0 ~ 3000 m
MTBF	50,000 hour(s)
Humidity range (operation)[RH]	20 ~ 80% (without condensation)
Humidity range (storage) [RH]	5 ~ 95% (without condensation)

Power

Consumption (Typical)	155 W
Consumption (Max)	376 W
Standby power consumption	<0.5W
Mains power	100 ~ 240 VAC, 50/60Hz

Power Saving Features	Smart Power
Energy Label Class	G
Sound	
Built-in speakers	2 x15 W
Accessories	
Optional accessories	Interact dongles
Included Accessories	Cleaning cloth (x1) HDMI Cable (3m) (x1) IR sensor cable (1.8 m) (x1) Philips logo (x1) Quick start guide (x1) Remote control & AAA batteries RS232 daisy chain cable (x1) Touch Pen (x2) USB A to B cable (3m) (x1) RS232 cable AC Power Cord Cable clip (x3) AC switch cover & Screw x1 DVI-D cable USB cover and screws
Miscellaneous	
On-Screen Display Languages	Arabic Dutch Danish English French Finnish German Italian Japanese Norwegian Polish Portuguese Russian Spanish Swedish Simplified Chinese Turkish Traditional Chinese
Regulatory approvals	CE FCC, Class A RoHS CB EAC EMF ETL
Warranty	5 year warranty

Multimedia Applications

USB Playback Video	H.263 H.264 H.265 MPEG1/2 MPEG4 VP9
USB Playback Picture	BMP JPEG PNG
USB Playback Audio	AAC MPEG HEAAC

Interactivity

Multi-touch technology	0-gap Infrared touch
Touch points	20 simultaneous touch points
Plug and play	HID compliant
Protection glass	Anti-Glare Tempered safety glass 7MOHS

Weight

Product with packaging (kg)	52.7 kg
Product with packaging (lb)	116.18 lb
Product without stand (kg)	43.15 kg
Product without stand (lb)	95.13 lb

Internal Player

CPU	2 x A53 + 2 x A73
GPU	ARM Mali G51
Memory	3GB DDR3
Storage	16GB EMMC

Dimensions

Smart Insert mount	100x100mm, 6xM4L6
Set Width	1494.3 mm
Set Height	883.2 mm
Set Depth	99.5mm(D_Max)/ 78.5mm(D_Wallmount) mm
Set Width (inch)	58.83 inch
Set Height (inch)	34.77 inch
Set Depth (inch)	3.92 (D_Max)/3.09(D_Wallmount) inch
Bezel width	17.8mm(T/R/L) x 31.7mm(B)
Wall Mount	400 x 400 mm, M8
Weight	43.15 kg



data subject to change
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