

Philips 86BDL4550D - 86" Diagonal Class (85.6" viewable)

D-Line LED-backlit LCD display - digital signage - 4K UHD (2160p)
3840 x 2160

Group	Digitale Signage
Manufacturer	Philips
Manufacturer item no.	86BDL4550D/00
EAN/UPC	8712581769376



Description

Make it stand out with a fast D-Line professional 4K UHD display. Philips' superb picture quality ensures true colors and intense contrast. You can effortlessly display content from multiple sources on a single screen.

Main features

Product Description	Philips 86BDL4550D D-Line - 86" Class (85.6" viewable) LED-backlit LCD display - 4K - for digital signage
Product Type	LED-backlit LCD flat panel display
Diagonal Class	86"
Diagonal Size	85.6"
Commercial Use	Yes - digital signage
Resolution	3840 x 2160
Display Format	4K UHD (2160p)
Input Video Formats	1080/60i, 480/60p, 720/60p, 1080/50i, 720/50p, 576/50p, 1080/50p, 1080/60p, 480/60i, 576/50i, 2160/24p, 2160/30p, 2160/60p
Max Number of Screens	225
Video Interface	HDMI
HDMI Ports Qty	3 ports
Connectivity	Wi-Fi, LAN
PC Interface	DVI, DisplayPort
Technology	IPS
LCD Backlight Technology	LED backlight
Image Aspect Ratio	16:9
TV Tuner	No tuner
Commercial Features	HTML5 support, CMND management, Open Pluggable Standard (OPS) support, FailOver, keyboard lock
Picture Enhancements	Dynamic contrast enhancement, Pixel Shift, Low Bright, 3D Combfilter
Speaker System	2 speakers
Storage Capacity	32GB eMMC

USB	2 ports
Included Accessories	Remote control
Voltage	AC 120/230 V (50/60 Hz)
Energy Class	Class G
Power Consumption (On mode)	372 W
Power Consumption Stand by	0.5 Watt
Dimensions (WxDxH) - without stand	192.9 cm x 69.5 cm x 110 cm
Environmental Standards	ENERGY STAR Qualified

Extended details

	General
Product Type	LED-backlit LCD flat panel display
Energy Class	Class G
Power Consumption (On mode)	372 W
Power Consumption SDR (On mode)	372 kWh/1000h
Diagonal Class	86"
Diagonal Size	85.6"
Commercial Use	Yes - digital signage
Series	D-Line
TV Tuner	No tuner
TV Tuner Presence	No
Video Interface	HDMI
HDMI Ports Qty	3 ports
PC Interface	DVI, DisplayPort
Modes	Portrait mode, landscape mode, Tiling Mode (15 x 15)
Picture Enhancements	Dynamic contrast enhancement, Pixel Shift, Low Bright, 3D Combfilter
Dimensions	Without stand
Width	192.9 cm
Depth	69.5 cm
Height	110 cm
	Display
LCD Display Technology	IPS
Resolution	3840 x 2160
Display Format	4K UHD (2160p)
Image Aspect Ratio	16:9

LCD Backlight Technology	LED backlight
Image Contrast Ratio	1200:1
Dynamic Contrast Ratio	500000:1
Brightness	500 cd/m ²
Viewing Angle	178 degrees
Viewing Angle (Vertical)	178 degrees
Pull-Down Compensation	3:2, 2:2
Response Time	8 ms
Display Menu Language	Danish, Chinese (traditional), Chinese (simplified), English, German, French, Italian, Norwegian, Portuguese, Polish, Finnish, Swedish, Russian, Spanish, Dutch, Turkish, Arabic, Japanese
Backlight Life	50,000 hour(s)
Commercial Features	HTML5 support, CMND management, Open Pluggable Standard (OPS) support, FailOver, keyboard lock
Operation Hours / Days	24 / 7
Features	3D MA deinterlacing, picture in picture (no tuner)
	Video Wall
Max Number of Screens	225
	Stands & Mounts
Flat Panel Mount Interface	600 x 400 mm
VESA Compatibility	Yes
	Video Features
Input Video Formats	1080/60i, 480/60p, 720/60p, 1080/50i, 720/50p, 576/50p, 1080/50p, 1080/60p, 480/60i, 576/50i, 2160/24p, 2160/30p, 2160/60p
Supported Computer Resolutions	1024 x 768 (XGA), 640 x 480 (VGA), 800 x 600 (SVGA), 1280 x 1024 (SXGA), 1280 x 720, 1680 x 1050 (WSXGA+), 1920 x 1080, 1440 x 900, 1600 x 900, 3840 x 2160
	Media Player
Supported Video Formats	H.264, H.263, MPEG, H.265, VP8
Supported Audio Formats	AAC, HE-AAC
Supported Pictures Formats	BMP, PNG, JPEG
USB Port	Yes
USB Ports Qty	2
Configuration	ARM Cortex-A73 Dual-Core + ARM Cortex-A53 Dual-Core - 3 GB - 32GB eMMC - Mali G51
Operating System	Android OS 8.0
	Remote Control
Type	Remote control
Battery Form Factor	AAA type
Battery Included	Yes

	Audio System
Speaker System	2 speakers
Output Power / Total	20 Watt
Speakers	2 x speaker - 10 Watt
	Network & Internet Multimedia
Connectivity	Wi-Fi, LAN
	Connections
Connector Type	DisplayPort input 3 x HDMI input DVI-I input HDMI output Audio line-in Audio line-out Remote control DisplayPort output RS-232C input 2 x USB 2.0 RS-232C output Infrared output Infrared input
	Miscellaneous
Cables Included	IR sensor cable - 1.8 m RS232 cable
Compliant Standards	FCC Class A certified, VCCI, BSMI, CB, CCC, PSB, RoHS, ETL, EMF, CU
	Sustainability Information
ENERGY STAR Certified	Yes
ENERGY STAR Version	8.0
	Power
Power Device	Power supply
Input Voltage	AC 120/230 V (50/60 Hz)
Power Consumption Stand by	0.5 Watt
Features	Smart power
	Manufacturer Warranty
Service & Support	Limited warranty - 3 years
	Environmental Parameters
Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	20 - 80% (non-condensing)

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