

Q-Line Display

- 86"
- 4K UHD (3840 x 2160)
- Ultra HD

86BDL3050Q/00

Show more

Simple, smart, sharp 18/7 display.

Turn up the stopping power with the Q-Line UHD Android display that goes big on resolution. Benefit from fast, hardware-free installation and superb picture quality. Easily display online and local content.

Benefits

Superb picture. Smooth performance

- Android SoC processor. Native and web apps
- 4K UHD. Rich images. Stunning contrast

Effortless setup. Total control.

- CMND: Remote system management
- CMND & Control. Operate, monitor, maintain
- CMND & Create. Develop and launch your own content
- CMND & Deploy. Install and launch apps remotely

Cost-effective system solution

- Internal memory. Upload content for instant play
- Energy-saving automatic backlight control
- Integrated HTML5 browser. Play and control online content
- Integrated media player. Easily schedule USB content

Features

Powered by Android

Control your display via an Internet connection. Android-powered Philips Professional Displays are optimized for native Android apps, and you can install web apps directly to the display too. A built-in scheduler makes it easy to launch apps and content based on time of day.

PHILIPS

CMND

Take control of your Philips Professional Display network. CMND lets you manage, maintain, and play via one easy-to-use interface. From installation to daily operation.

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.

CMND & Create

Take control of your content with CMND & Create. A drag-and-drop interface makes it simple to publish your own content-whether it's a daily specials board or branded corporate information. Preloaded templates and integrated widgets ensure your stills, text, and video will be up and running in no time.

CMND & Deploy

Quickly install and launch any app-even when you're off-site and working remotely. CMND & Deploy lets you add and update your own apps, as well as apps from the Philips Professional Display App Store. Simply scan the QR code, log in to the store, and click on the app you want to install. The app is automatically downloaded and launched.

Internal memory

Save and play content without the need for a permanent external player. Your Philips professional display has an internal memory, which allows you to upload content to the display for instant playback. The internal memory also functions as a cache for online streaming.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

Diagonal screen size (inch)	85.6 inch
Diagonal screen size (metric)	217.4 cm
Panel resolution	3840 x 2160
Optimum resolution	3840 x 2160 @ 60 Hz
Brightness	410 cd/m²
Contrast ratio (typical)	1200:1
Response time (typical)	8 ms
Aspect ratio	16:9
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Pixel pitch	0.4935 x 0.4935 mm
Display colors	1.07 Billion
Picture enhancement	3/2 - 2/2 motion pull down 3D Combfilter Progressive scan 3D MA deinterlacing Dynamic contrast enhancement Color Enhancement Color Temperature Adjustment De-interlacer Noise Reduction Smart Picture
Operating system	Android 5.0.1
Panel technology	IPS

Supported Display Resolution

Computer formats	640 x 480, 60, 72, 75Hz 720 x 400, 70Hz 800 x 600, 60, 75Hz 1024 x 768, 60, 75Hz 1280 x 768, 60Hz 1280 x 800, 60Hz 1280 x 1024, 60Hz 1360 x 768, 60Hz 1600 x 1200, 60Hz 1920 x 1080, 60Hz 3840 x 2160, 30, 60Hz
Video formats	480i, 30, 60Hz 480p, 30, 60Hz 576i, 25, 50Hz 576p, 25, 50Hz 720p, 50, 60Hz 1080i, 25, 30Hz 1080p, 50, 60Hz 2160p, 30,50, 60Hz

Connectivity

Video input	VGA (Analog D-Sub) DisplayPort (1.2) HDMI (x4) USB 2.0 (Type A) (x2)
Audio input	3.5 mm jack
Audio output	Audio Left/Right (RCA)
External control	RS232C (in/out) 2.5 mm jack IR (in/out) 3.5 mm jack RJ45
Other connections	OPS AC-out Analog (D-sub input) Analog audio Left/Right out Display Port HDMI IR out micro SD PC Audio in RS232 Serial USB 2.0 USB power outlet (5 V. 2 amp)

Convenience

Screen saving functions	Pixel Shift, Low Brightness
Keyboard control	Lockable
Network controllable	LAN (RJ45) RS232 Card OPS RS232 HDMI (One Wire)
Signal Loop Through	RS232 IR Loopthrough
Ease of installation	Smart Insert AC Out

	Carrying Handles
Energy saving functions	Smart Power
Placement	Landscape
Remote control signal	Lockable
Tiled Matrix	Up to 10 x 15
Memory	8GB eMMC

Dimensions

Bezel width	15.15 (Top/Left/Right) 16.0 (Bottom) mm
Set Width	1927.9 mm
Set Height	1098.9 mm
Set Depth	85.9 mm
Set Width (inch)	75.90 inch
Set Height (inch)	43.26 inch
Set Depth (inch)	2.06 inch
Product weight	63.8 kg
Product weight (lb)	140.65 lb
VESA Mount	600 x 400 mm, M8

Operating conditions

Altitude	0 ~ 3000 m
Temperature range (operation)	0 ~ 40 °C
Temperature range (storage)	-20 ~ 60 °C
Relative humidity	20 ~ 80 (operation),10 - 90%(storage) %
MTBF	50,000 hour(s)

Power

Mains power	100 ~ 240 VAC, 50 ~ 60 Hz
Consumption (On mode)	302 W
Standby power consumption	<0.5W
Power Saving Features	Smart Power

Sound

Built-in speakers	2 x 10W RMS

Accessories

Included accessories	AC Power Cord RS232 cable Remote Control Batteries for remote control Quick start guide HDMI cable IR sensor cable (1.8M)
Included Accessories	RS232 daisy-chain cable USB Cover and screw x1

Multimedia Applications

USB Playback Video	MKV MP4 MPEG MPG TS VOB WMV ASF AVI DAT FLV MOV TRP WEBM
USB Playback Picture	BMP JPEG JPG PNG
USB Playback Audio	AAC M4A MP3 WMA

Miscellaneous

Warranty	3 year warranty
On-Screen Display Languages	Arabic Simplified Chinese Traditional Chinese English French German Italian Polish Russian Spanish Turkish Japanese Czech Danish Dutch Finnish Norwegian Portuguese Swedish
Regulatory approvals	CE UL/cUL CB FCC, Class B BSMI CCC EAC EMF EnergyStar 7.0 PSB

Internal Player

Storage	8GB eMMC
CPU	Quad Core Full HD
Memory	2GB DDR3

data subject to change
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