

Specifications for Philips BDL4620QL



Picture/Display

Diagonal screen size (metric)
116.8 cm
Diagonal screen size (inch)
46 inch
Panel resolution
1920x1080p
Optimum resolution
1920 x 1080 @ 60 Hz
Brightness
350 cd/m ²
Contrast ratio (typical)
4000:1
Response time (typical)
8 ms
Aspect ratio
16:9
Viewing angle (horizontal)
178 degree

Viewing angle (vertical)
178 degree
Pixel pitch
0.18 x 0.53 mm
Display colors
16.7 Million
Surface treatment
Anti-Glare coating
Picture enhancement
<ul style="list-style-type: none"> • 3/2 - 2/2 motion pull down
<ul style="list-style-type: none"> • 3D Combfilter
<ul style="list-style-type: none"> • Motion compens. deinterlacing
<ul style="list-style-type: none"> • Progressive scan
<ul style="list-style-type: none"> • 3D MA deinterlacing
<ul style="list-style-type: none"> • Dynamic contrast enhancement
Convenience
Screen saving functions
Pixel Shift, Low Brightness
Keyboard control
Hidden
Network controllable
RS232
Signal Loop Through
RS232
Dimensions
Set Width
1068.0 mm
Set Height
622.5 mm
Set Depth
38.8 mm
Bezel width
22 mm
Product weight
13.7 kg

VESA Mount
400 x 400 mm
Box width
1164.0 mm
Box height
768.0 mm
Box depth
148.0 mm
Weight incl. Packaging
17.2 kg
Sound
Built-in speakers
2 x 7W RMS
Supported Display Resolution
Computer formats
<ul style="list-style-type: none"> • 640 x 480, 60, 67, 72, 75Hz
<ul style="list-style-type: none"> • 800 x 600, 56, 60, 72, 75Hz
<ul style="list-style-type: none"> • 1024 x 768, 60Hz
<ul style="list-style-type: none"> • 1280 x 768, 60Hz
<ul style="list-style-type: none"> • 1280 x 800, 60Hz
<ul style="list-style-type: none"> • 1360 x 768, 60Hz
<ul style="list-style-type: none"> • 1366 x 768, 60Hz
<ul style="list-style-type: none"> • 1440 x 900, 60Hz
<ul style="list-style-type: none"> • 1600 x 1200, 60Hz
<ul style="list-style-type: none"> • 1920 x 1080, 60Hz
<ul style="list-style-type: none"> • 1920 x 1200, 60Hz
Video formats
<ul style="list-style-type: none"> • 480i, 60Hz

<ul style="list-style-type: none"> • 576p, 50Hz
<ul style="list-style-type: none"> • 576i, 50Hz
<ul style="list-style-type: none"> • 720p, 50, 60Hz
<ul style="list-style-type: none"> • 1080i, 50, 60Hz
<ul style="list-style-type: none"> • 1080p, 50, 60Hz
<h2 style="color: red;">Connectivity</h2>
Video input
<ul style="list-style-type: none"> • DVI-D
<ul style="list-style-type: none"> • HDMI
<ul style="list-style-type: none"> • VGA (Analog D-Sub)
<ul style="list-style-type: none"> • USB
<ul style="list-style-type: none"> • Component (RCA)
<ul style="list-style-type: none"> • Composite (RCA)
Audio input
<ul style="list-style-type: none"> • 3.5 mm jack
<ul style="list-style-type: none"> • Audio Left/Right (RCA)
Audio output
<ul style="list-style-type: none"> • SPDIF
<ul style="list-style-type: none"> • Audio Left/Right (RCA)
External control
<ul style="list-style-type: none"> • RJ45
<ul style="list-style-type: none"> • RS232C (in/out) 2.5 mm jack
<ul style="list-style-type: none"> • IR (in/out) 3.5 mm jack

Operating conditions

Temperature range (operation)

0 ~ 40 °C

Temperature range (storage)

-20 ~ 60 °C

Relative humidity

20 ~ 80 %

MTBF

50,000 hour(s)

Power

Mains power

100 ~ 240 VAC

Consumption (On mode)

60 W (EnergyStar 6.0 test method)

Standby power consumption

<0.5W

Multimedia Applications

USB Playback Video

- 3G2
- 3GP
- ASF
- ASX
- AVI
- DAT
- DivX
- F4V
- FLV
- M2TS

<ul style="list-style-type: none">• M4V
<ul style="list-style-type: none">• MK3D
<ul style="list-style-type: none">• MKV
<ul style="list-style-type: none">• MOV
<ul style="list-style-type: none">• MP4
<ul style="list-style-type: none">• MPE
<ul style="list-style-type: none">• MPEG
<ul style="list-style-type: none">• MPG
<ul style="list-style-type: none">• MTS
<ul style="list-style-type: none">• QT
<ul style="list-style-type: none">• TRP
<ul style="list-style-type: none">• TS
<ul style="list-style-type: none">• TTS
<ul style="list-style-type: none">• VOB
<ul style="list-style-type: none">• WEBM
<ul style="list-style-type: none">• WMV
<ul style="list-style-type: none">• Xvid
USB Playback Picture
<ul style="list-style-type: none">• BMP
<ul style="list-style-type: none">• GIF
<ul style="list-style-type: none">• JPEG
<ul style="list-style-type: none">• JPG
USB Playback Audio

<ul style="list-style-type: none">• AAC
<ul style="list-style-type: none">• AC3
<ul style="list-style-type: none">• AIF
<ul style="list-style-type: none">• AIFF
<ul style="list-style-type: none">• AMR
<ul style="list-style-type: none">• EC3
<ul style="list-style-type: none">• M4A
<ul style="list-style-type: none">• MP3
<ul style="list-style-type: none">• OGA
<ul style="list-style-type: none">• OGG
<ul style="list-style-type: none">• WAV
<ul style="list-style-type: none">• WMA
Accessories
Included accessories
<ul style="list-style-type: none">• AC Power Cord
<ul style="list-style-type: none">• RS232 cable
<ul style="list-style-type: none">• VGA cable
<ul style="list-style-type: none">• Remote Control
<ul style="list-style-type: none">• Batteries for remote control
<ul style="list-style-type: none">• User manual on CD-ROM
<ul style="list-style-type: none">• Quick start guide
Stand
BM02542

Miscellaneous

Warranty

Global: 3 years

On-Screen Display Languages

- English
- French
- German
- Italian
- Polish
- Russian
- Spanish
- Turkish
- Simplified Chinese
- Traditional Chinese

Regulatory approvals

- CE
- FCC, Class B
- CCC
- RoHS
- UL/cUL
- C-Tick

<ul style="list-style-type: none">• BSMI
<ul style="list-style-type: none">• CB
<ul style="list-style-type: none">• GOST



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