Go big
Versatile videowall display.

Command attention with a Philips X-Line Professional Videowall Display. Crisp contrast and narrow bezels enable clear, distraction-free imaging. Whether you’re running an airport or hosting a conference.

**Brilliant images. Endless possibilities.**
- Full HD monitors. Brilliant images. Clear contrast
- IPS panel: rich color consistency from every angle
- Ultra-narrow (3.5 mm) bezels. For distraction-free images

**Effortless setup. Total control.**
- Add Android processing power with an optional CRD50 module
- CMND & Control. Operate, monitor, maintain

**Powerful system solution**
- Tiling mode. Create tiled 4K videowalls of any size
- FailOver. Ensure your display never goes blank
- OPS slot. Embed a full-power PC. No cabling required
- Energy-saving automatic backlight control
Highlights

Tiling mode
Connect two or more Philips professional displays to create a tiled videowall—without the need for external devices. A single player takes care of content, whether you have four screens or 40. 4K content is fully supported, and if you’re showing that content on four screens you get the best possible dot-by-dot resolution.

Optional CRD50 module
Embed an Android System-on-Chip (SoC) in your Philips Professional Display. The optional CRD50 module is an OPS device that enables Android processing power without the need for cables. Simply slide into the OPS slot, which contains all the connections needed to run the module (including power supply).

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.

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.
**Specifications**

**Picture/Display**
- Diagonal screen size: 54.6 inch / 138.7 cm
- Panel resolution: 1920x1080
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 500 cd/m²
- Contrast ratio (typical): 1400:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.63 x 0.63 mm
- Display colors: 1073 M
- Panel resolution: 1920x1080
- Optimum resolution: 1920 x 1080 @ 60 Hz
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- Contrast ratio (typical): 1400:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.63 x 0.63 mm
- Display colors: 1073 M
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compen.s, deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

**Supported Display Resolution**

<table>
<thead>
<tr>
<th>Resolution</th>
<th>Refresh rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>3840 x 2160</td>
<td>30Hz</td>
</tr>
<tr>
<td>1920 x 1200</td>
<td>60Hz</td>
</tr>
<tr>
<td>1920 x 1080</td>
<td>60Hz</td>
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<tr>
<td>1600 x 1200</td>
<td>60Hz</td>
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<tr>
<td>1440 x 900</td>
<td>60Hz</td>
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<tr>
<td>1366 x 768</td>
<td>60Hz</td>
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<tr>
<td>1360 x 768</td>
<td>60Hz</td>
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<tr>
<td>1280 x 1024</td>
<td>60Hz</td>
</tr>
<tr>
<td>1280 x 1080</td>
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</tr>
<tr>
<td>1280 x 900</td>
<td>60Hz</td>
</tr>
<tr>
<td>1024 x 768</td>
<td>60Hz</td>
</tr>
<tr>
<td>800 x 600</td>
<td>56, 60, 72, 75Hz</td>
</tr>
<tr>
<td>640 x 480</td>
<td>60, 67, 72, 75Hz</td>
</tr>
</tbody>
</table>

**Video formats**

<table>
<thead>
<tr>
<th>Resolution</th>
<th>Refresh rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2160p</td>
<td>30Hz</td>
</tr>
<tr>
<td>1080p</td>
<td>50, 60Hz</td>
</tr>
<tr>
<td>1080i</td>
<td>50, 60Hz</td>
</tr>
<tr>
<td>720p</td>
<td>50, 60Hz</td>
</tr>
<tr>
<td>576i</td>
<td>50Hz</td>
</tr>
<tr>
<td>480p</td>
<td>50Hz</td>
</tr>
<tr>
<td>480i</td>
<td>60Hz</td>
</tr>
</tbody>
</table>

**Connectivity**
- Video input: Component (RCA), Composite (RCA), DVI-D, HDMI (x2), VGA (Analog D-Sub), DisplayPort (x1.2)
- Video output: DisplayPort, DVI-I, VGA (via DVI-I)
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Audio output: Audio Left/Right (RCA), External speaker connector
- External control: IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack
- Other connections: OPS

**Convenience**
- Signal Loop Through: RS232, VGA, DisplayPort, DVI, IR Loopthrough
- Ease of installation: Carrying Handles
- Energy saving functions: Ambient light sensor, Smart Power
- Network controllable: RS232, Card OPS RS232, RJ45, One Wire (HDMI-CEC)
- Placement: Portrait, Landscape
- Screen saving functions: Pixel Shift, Low Bright
- Tiled Matrix: Up to 10 x 10

**Dimensions**
- Bezel thickness: 3.5 mm
- Bezel width: Top/Left: 2.3mm, Bottom/Right: 1.2mm
- Set dimensions (W x H x D): 1213.4 x 684.2 x 107.65 mm
- Product weight: 26.5 kg
- VESA Mount: 400 x 400 mm
- Product weight (lb): 58.42 lb
- Set dimensions in inch (W x H x D): 47.77 x 26.93 x 4.23 inch

**Operating conditions**
- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Altitude: 0 ~ 3000 m
- Relative humidity: 20 ~ 80 %
- MTBF: 60,000 hour(s)

**Power**
- Mains power: 110-240V
- Consumption (On mode): 110 W (EnergyStar 6.0 test method)
- Standby power consumption: <0.5W

**Sound**
- Built-in speakers: 2 x 10W (RMS)

**Accessories**
- Included Accessories: IR cable, IR sensor cable (1.8 m), RS232 daisy-chain cable, RS232 DB9 adapter cable, Thumb Screw
- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, Quick start guide, Edge alignment pins, Edge alignment plates, DVI-D cable
- Optional accessories: Edge finishing kit, ColourCalibrationKit (CCK4602), IR Light Motion Sensor (CRD41)

**Miscellaneous**
- On-Screen Display Languages: Arabic, Simplified Chinese, Traditional Chinese, English, French, German, Italian, Japanese, Polish, Russian, Spanish, Turkish
- Regulatory approvals: CE, FCC, Class B, UL/cUL, CB, GOST, EPEAT
- Warranty: 3 year warranty