



Philips  
large display

76 cm (30")  
WXGA

300WN5QS

## excellent and robust display solution

Excellent and robust, the network-controlled Philips 300WN5 LCD monitor provides a reliable and multi-function solution with Philips leading display technology that guarantees your message gets out to the public crystal clear.

### **Less management effort for maximum productivity**

- Remote Management and Configuration via RS232
- Brightness automatically adjusts with ambient conditions
- Automatic alert provides advance warning of overheating

### **Lower total cost of ownership**

- Lifecycle is longer than plasma displays
- Intelligent power management for lower consumption
- Hidden control buttons prevent tampering with settings

### **Better front of screen experience**

- Easy plug-and-play DVI for a true digital experience
- WXGA, wide format, 1280x768 resolution for sharper display
- Ready to display SDTV, EDTV and HDTV formats
- DCDi™ eliminates combing and jagged edges for a sharp image
- PiP allows watching a second source simultaneously

# PHILIPS

Large display  
76 cm (30") WXGA

# Specifications

## Picture/Display

- LCD panel type: 1280 x 768 pixels, Anti-glare polarizer
- Panel Size: 29.53"/ 75cm
- Pixel pitch: 0.5025 x 0.1675 mm
- Brightness: 600 cd/m<sup>2</sup>
- Contrast ratio (typical): 800:1
- Display colors: 16.7 M
- Viewing angle: @ C/R > 10
- Viewing angle (H / V): 170 / 170 degree
- Response time (typical): 16 ms
- White Chromaticity, 5300K: x = 0.328 / y = 0.344
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- Maximum Resolution: 1280 x 768 @ 60Hz
- Optimum resolution: 1280 x 768 @ 60Hz
- Factory Preset Modes: 12 modes
- Horizontal Scanning Frequency: 31 - 49 kHz
- Refresh Rate (V): 60 Hz
- sRGB
- Aspect ratio: 15:9
- Picture enhancement: Picture in Picture, Progressive scan, De-interlacer

## Connectivity

- AV input: Component (YPbPr) x1, Composite (CVBS) x1, S-video x1, SCART x1, Audio (L/R) for YPbPr x1, Audio (L/R) x1, 75 ohm RF (TV) x1
- AV output: Composite (CVBS) x1, Audio (L/R) x1, 3.5 mm jack (L/R) x1, Ext 3.5 mm jack x1
- PC: D-Sub x1, DVI-D x1, 3.5 mm PC audio input x1, RS232 x1

## Convenience

- Detachable Audio: 5W RMSx2(80PMPO)Stereo Speaker
- Software: Virtual surrounding sound
- Child Protection: Parental Control
- User convenience: On-screen Display, Automatic Brightness Control, Automatic Overheat Warning
- Monitor Controls: Left/Right, Menu (OK), Power On/Off, Up/Down, Input select
- OSD Languages: English, French, German, Italian, Spanish, Simplified Chinese
- Plug & Play Compatibility: sRGB, Windows 98/ME/2000/XP
- Regulatory approvals: CE Mark, FCC-B, UL, CSA, NUTEK, Energy Star

- Teletext: 10 pages (EU,AP)
- Closed caption: CC full text
- VESA Mount: 100 x 100 mm

## Accessories

- Included accessories: AC Power Cord, Remote Control, VGA cable, DVI-D cable, Speakers (L/R)
- Stand: 1 set
- User Manual

## Dimensions

- Dimensions (with speakers) (W x H x D): 867.7 x 505 x 183 mm
- Dimensions (w/o base & speakers) (W x H x D): 726.7 x 469.3 x 115 mm
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 5°C to 35°C
- Temperature range (storage): -20°C to 60°C
- Weight: 16 kg

## Power

- Complies with: Energy Star, NUTEK
- Consumption (On mode): 130W (PC), 150W (TV)
- Consumption (Off Mode): < 2 W
- Power LED indicator: Operation - Blue, Stand by/ sleep - Amber
- Power supply: Built-in

## Supported Display Resolution

- **Computer formats**

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
- **Video formats**

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	50, 60Hz
1080i	50, 60Hz

## Tuner/Reception/Transmission

- TV system: NTSC, PAL

300WN5QS/97

# Highlights

## Remote Management:: RS232

Remote Management allows the user to control and adjust the displays remotely via the RS232 protocol. Using CEC commands, you are able to have full control over all the displays in your signage network at any time.

## Automatic brightness control

The adjustment of display settings to correspond with ambient light without user intervention.

## Automatic overheat warning

Automatic overheat warning generates an alert and delivers it to the designated system manager when a display device's operating temperature exceeds designated levels.

## Long lifecycle

A longer lifecycle means a lower total cost of ownership and adds up to long-term savings.

## Intelligent power management

Intelligent power management employs energy-efficient technologies in product design to reduce power consumption and significantly lower the total cost of ownership.

## Hidden control buttons

Control buttons placed at the rear of a monitor used for public display to prevent tampering with display settings.

## In-box DVI cable

A DVI cable is shipped with the product to provide high quality digital display.

## WXGA 1280 x 768 resolution

For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. WXGA provides the resolutions 1280 by 768 pixels. In addition, WXGA allows monitors to be non-interlaced. This ensures a better display performance and accurate color display effect.

## Versatile TV Format Ready

A display device ready to display standard definition television, extended definition television and high definition television signals, which are commonly used by TV systems in the world.

## DCDi de-interlacing

DCDi enhances the quality of all images by eliminating the stair-step jagged edges so often seen on progressive scan displays resulting in natural images with exceptional detail.

## Picture In Picture (PIP)

Provides the ability to watch simultaneously two different sources, either two video sources or a combination with data/graphics



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