

Empowered by Innovation

**NEC**

## NEC MultiSync® LCD4620



- 46 inch Public Display
- Ultra-slim bezel (16,5 mm)
- All new professional LCD panel technology
- High brightness up to 700 cd/m<sup>2</sup>
- Large number of interfaces and signals including SCART
- Sophisticated overheating protection with two temperature controlled fans
- Option slot
- Programmable LUT
- Colour temperature range from 2.600K - 10.000K

**see more.**

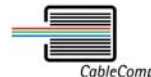
NEC Display Solutions

**HDMI**<sup>™</sup>  
HIGH-DEFINITION MULTIMEDIA INTERFACE

# NEC MultiSync® LCD4620

Panel Technology	PVA TFT
Active Screen Area (W x H) [mm]	1018.4 x 572.5
Screen Size [inch/cm]	46/117
Viewing Angle (typ.)	178° horizontal / 178° vertical (at contrast ratio 10:1)
Screen Aspect Ratio	16:9
Pixel Pitch [mm]	0.7455 x 0.7455
Contrast Ratio (typ.)	1200:1
Brightness (typ.) [cd/m <sup>2</sup> ]	500 (factory pre-set 5°C - 40°C); 650 (5°C - 20°C); 700 (5°C - 8°C)
Response Time (typ.) [ms]	8 (t <sub>r</sub> + t <sub>f</sub> ; grey-to-grey); 16 (6 white/black; 10 black/white)
Colours [million]	16.77
Horizontal Frequency [kHz]	31.5-91.1 (analog and digital)
Vertical Frequency [Hz]	50.0-85.0
Optimum Resolution	1360 x 768 at 60 Hz
Native Resolution	1366 x 768 at 60 Hz
Other Resolutions	1920 x 1080; 1366 x 768; 1440 x 1050; 1680 x 1050; 1600 x 1200; 1280 x 1024; 1280 x 768; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 640 x 480
Video Input	Analog: 5 x BNC, Component, Composite (via BNC and Cinch); 1 x S-Video; 1 x D-Sub 15; Digital: DVI-D (with HDCP); HDMI
Video Output	Analog: 5 x BNC, Composite (via BNC)
Audio Input	2 x Cinch, 1 x 3.5 mm Head-jack
Audio Output	1 x Cinch
Option Slot	CAT 5 receiver, HD-SDI board, Single board computer, DVI daisy chain board
Plug & Play	VESA DDC2Bi
Safety and Ergonomics	UL/C-UL or CSA; FCC Class B; TÜV GS; VCCI; CE; C-tick; PSB; CCC
Power Consumption [W]	100-120 V/220-240 V; 3.0A/1.2A; internal power supply
Power Management	VESA DPMS
Power Requirements [W]	200 (at 500 cd/m <sup>2</sup> ); 340 (max.)
Operating Temperature [°C]	+ 5 to + 40*
Operating Humidity [%]	20 to 80
VESA Mounting Interface	600 x 200 (FDMI); 16 holes / 100 mm spacing
Dimensions (W x H x D) [mm]	With stand; 1055.4 x 643.1 x 351.0; Without stand: 1055.4 x 608.6 x 140.0
Bezel Width [mm]	16.5 left/right/top/bottom
Specials	Scheduler (with RTC); OmniColor™: sRGB Support and 6-Axis-Colour-Control; AutoBright (Signal Input); Off-Timer; TileMatrix (5 x 5); Colour Temperature Mode; PIN Code Protection; DICOM Profile; SCART Support; CableComp (digital 30m, analog 100m); Selectable ID; Picture-in-Picture Mode; Picture-over-Picture Mode; NaViSet® and NaViSet® Administrator compatible; Overheating Protection with Controllable Fans incl. 3rd Fan for optimized Portrait Use; Power-On Delay; Touch Panel ready;
Weight [kg]	With stand: 37.9; Without stand: 36.1
Supported TV Standards	NTSC; PAL, SECAM
Video Modes	480i; 480p; 576i; 576p; 2 x 720p (50 and 60 Hz); 2 x 1080i (50 and 60 Hz); 2 x 1080p (50 and 60 Hz)
Audio Functions	Optional speakers (15 W + 15 W)
Remote Control	RS-232C (9 pin D-Sub) Input and Output; Dsub 15 and DVI-D (DDC/CI); Remote Control IR
Colour Version	Black Front Bezel, Black Back Cabinet
Shipping Content	Display, Stand; Power Cable; Remote Control (IR); CD Manual; VGA-VGA Cable; Cover
Warranty	3 years warranty including backlight

\*The ambient temperature influences the max. brightness. See "brightness" specification.



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see more.

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