

NEC MultiSync® LCD4620



Professional Public Displays with highest standards in reliability and variability - for all kinds of Digital Signage Applications.

- Ultra-thin frame (16.5 mm)
- Sophisticated overheating protection with two temperature controlled fans
- Option Slot

see more.

NEC Display Solutions

[illegible]

Panel Technology	PVA TFT
Active Screen Area (W x H) [mm]	1018.4 x 572.5
Screen Size [inch/cm]	46 / 117
Pixel Pitch [mm]	0.7455 x 0.7455
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Screen Aspect Ratio	16:9
Contrast Ratio (typ.)	2000:1
Brightness (typ.) [cd/m²]	500 (at 5°C - 40°C - factory setting); 700 (at 5°C - 8°C); 650 (at 5°C - 20°C)
Response Time (typ.) [ms]	8 (grey-to-grey), 16 (6 white / black; 10 black / white), 8 (tr - tf)
Colours [Mio.]	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
Supported Resolutions	1920 x 1080; 1680 x 1050; 1600 x 1200; 1440 x 1050; 1366 x 768; 1280 x 1024; 1280 x 768; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 640 x 480
Video Input	Analog: 1 x S-Video; Analog: 5 x BNC, Component, Composite (via BNC and Cinch); Analog: 1 x D-sub 15 pin; Digital: 1 x DVI-D (with HDCP); Digital: 1 x HDMI
Video Output	Analog: 5 x BNC, Composite (via BNC)
Audio Input	2 x Cinch (RCA); 1 x Head-jack 3.5 mm
Audio Output	1 x Cinch (RCA)
Option Slot	DVI daisy chain board; Single board computer; HD-SDI board; CAT 5 receiver
Plug & Play	VESA DDC2Bi
Safety and Ergonomics	CE; TÜV GS; C-tick; FCC Class B; UL/C-UL or CSA; CCC; PSB; VCCI; RoHS
Power Consumption on Mode [W]	200 (at 500 cd/m2) (typ.); 340 (max.)
Power Management	VESA DPMS
Power Supply	100-120 V/220-240 V; 3.0 A/1.2 A; internal power supply
Ambient Temperature (operating) [°C]	+5 to +40 (influence on the max. brightness)
Ambient Humidity (operating) [%]	20 to 80
VESA Mounting [mm]	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 and right); 16.5 (top and bottom)
Weight [kg]	With stand: 37.9; Without stand: 36.1
Benefits	AutoBright; CableComp (digital 30m, analog 100m); Colour Temperature Mode; DICOM Profile; NaViSet®and NaViSet®Administrator compatible; OmniColor™: sRGB and 6-Axis-Colour-Control; Overheating Protection with controllable Fans incl. 3rd Fan for optimized Portrait Use; Picture-in-Picture Mode; Picture-over-Picture Mode; PIN Code Protection; Power-Off Timer; Power-On Delay; SCART Support; Scheduler Function (with RTC); Selectable ID; TileMatrix (5 x 5); Touch Panel ready
Supported TV Standards (no tuner)	SECAM; PAL; NTSC
Video Modes (no tuner)	480i; 480p; 576i; 576p; 2 x720p (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; D-sub 15 and DVI-D (DDC/CI); Remote Control IR
Colour Versions	Black Front Bezel, Black Back Cabinet
Shipping Content	Display; Power Cable; Signal Cable VGA - VGA; Remote Control (IR); CD-ROM (User Guides/Manuals); Conclusion Cover
Stand	Optional
Warranty	3 years warranty incl. backlight



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