



NEC V421 42" Touchscreen LCD Display

Display

Panel Technology	S-IPS
Viewable Image Size	42"
Native Resolution	1920 x 1080
Pixel Pitch	0.48mm
Backlight Type	CCFL
Pixels Per Inch	52@ native resolution
Brightness (typical)	500cd/m ²
Contrast Ratio (typical)	1300:1
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Response Time(Gray to Gray)	8ms
Refresh Rate	60Hz
Aspect Ratio	16:9
Active Screen Area	36.6 x 20.6 in. / 930.2 x 523.3mm
Orientation	Landscape/Portrait
Displayable Colors	More than 16.7 million

Synchronization Range

Horizontal (Analog/Digital)	31.5-91.1 kHz
Vertical	50-85 Hz

Input Signal

Video	Analog RGB 0.7 Vp-p/75 Ohms
Sync	Separate sync: TTL Level (Positive/Negative) Composite sync: TTL Level (Positive/Negative) Composite sync on green: (0.3Vp-p negative 0.7Vp-p positive)

Connectivity

PC Signal Compatibility	Yes
Macintosh Compatibility	Yes
Input Terminals	
Digital	HDMI, DVI-D
Analog	VGA 15-pin D-sub, 5 BNC (RGBHV, DVD/HD or Video), BNC Composite, S-Video
Audio	RCA Audio (2), Stereo Mini-Jack
External Control	RS-232C, IR Remote, DDC/CI
Output Terminals	
Analog	VGA 15-pin D-sub, BNC Composite
Audio	RCA Audio, External Speaker Jack (2)
External Control	RS-232C

Power Consumption (typical)

On	160W
ECO Mode Standby	<1W

Physical Specifications

Bezel Width (Left/Right, Top/Bottom)	1.7 in./1.7 in., 1.7 in./1.7 in. ; 43mm/43mm, 43mm/43mm
Dimensions (WxHxD)	
Net (with stand)	40.3 x 25.6 x 13 / 1022.9 x 651.3 x 330.2mm
Net (without stand)	40.3 x 24.2 x 5.2 in. / 1022.9 x 613.5 x 133mm
Shipping	45 x 27.7 x 9.3 in. / 1142 x 703 x 237mm
Weight	
Net (with stand)	49.2 lbs. / 22.3 kg
Net (without stand)	45.2 lbs. / 20.5 kg
Shipping	57.1 lbs. / 25.9 kg

VESA Hole Configuration Specifications

400 X 200mm (12-hole)

Environmental Conditions

Operating Temperature	41-104°F / 5-40°C
Operating Humidity	20-80%
Operating Altitude	9843 ft. / 3000m
Storage Temperature	-4-140°F / -20-60°C
Storage Humidity	10-90%
Storage Altitude	40,000 ft. / 12,192m

Limited Warranty (parts & labor, including backlight)

3 years

Additional Features

- › Advanced cooling system
- › Sealed panel design
- › Speakers Included
- › TileMatrix (5x5)
- › TileComp
- › Separate group/Monitor ID function
- › Ethernet Control and Communication
- › RS-232 Control and Communication
- › Landscape/portrait capable
- › Plug and Play (DDC/CI, DDC2B)
- › Scheduler (w/ real-time clock)
- › Sharpness/softness adjustment
- › Screen saver function
- › 6-axis color adjustment
- › POP
- › Side-by-Side
- › 10-bit gamma
- › Touch- and protective screen-ready
- › Backlight adjust

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