NEC

NEC AccuSync™ Series
17"-24" LCD monitors ideal for value-conscious users

High-quality LCD monitors don't necessarily have to be associated with high-end price tags.

NEC AccuSync Series monitors have set a new standard in value for the flat-panel monitor category, offering you a perfect opportunity to take advantage of the many benefits offered by the latest display technology without having to break your budget. The 17" NEC AccuSync **AS172**, 19" **AS193i** and widescreen 20" **AS203WMi**, 22" **AS222WM** and 24" **AS242W** deliver eco-friendly, value-driven and cost-conscious display solutions to small-to-medium-sized businesses and home office users. The widescreen models increase productivity by expanding your working area to simultaneously view multiple application windows.

It's easy to be green.

The AccuSync Series is loaded with features that promote environmental consciousness. Eco-friendly benefits include ECO Mode™ and an off timer for further energy savings, a resettable carbon footprint meter for tracking the conservation of green gas emissions, and a significant reduction in packaging materials. The AccuSync Series sets the bar for "green" technology by using LED backlighting, which is more energy-efficient. Compared to their predecessors, these model consume up to 33% less power overall, weigh up to 20% less, radiate less heat, use less packaging, utilize recycled plastics in their production and are free of hazardous materials such as mercury, lead and arsenic.

Highlights

- LED backlight technology provides for industry-leading low power consumption and less hazardous materials
- Ambix® dual-input technology allows for digital/analog compatibility
- Tilt adjustable stand helps you reach a more comfortable view
- Integrated multimedia speakers provide an option for business conferencing (AS203WMi & AS222WM)
- IPS LCD for outstanding color and wide-angle viewing (AS193i and AS203WMi)
- Touch integration-enabling design increases application options (AS222WM)
- NaViSet™ software (available via download) offers an expanded and intuitive interface, allowing you to more easily adjust display settings via mouse and keyboard
- ECO Mode (default setting) sets the brightness variable from 0-80%, saving more power and reducing your energy costs
- Carbon footprint meter helps track and calculate the reduction of green gas emissions
- Rapid Response™ technology delivers virtually uninterrupted, undistorted viewing of high-speed, full-motion video
- EPEAT Silver compliance ensures the displays reduce hazardous waste and electricity usage, resulting in lower energy costs and increased protection for the environment
- ENERGY STAR® and TCO qualifications reduce electrical costs and lower total cost of ownership

Specifications

MODEL	AS172	AS193i	AS203WMi	AS222WM	AS242W
DISPLAY					
Panel Technology	TN	IPS		TN	
Viewable Image Size	17"	19"	20"	21.5"	23.6"
Aspect Ratio	5:4		16:9		
Native Resolution	1280 x 1024		1600 x 900	1920 x 1080	
Pixel Pitch	0.26mm	0.29 mm	0.271mm	0.25mm	0.272mm
Pixels Per Inch	96 @ native resolution	86 @ native resolution	97 @ native resolution	102 @ native resolution	94 @ native resolution
Backlight Type	W-LED				
Brightness (typical)	250 cd/m²				
Contrast Ratio (typical)	1000:1				
Viewing Angle (typical)	170° Vert., 170° Hor. (85U/85D/85L/85R) @ CR>5	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10		160° Vert., 160° Hor. (80U/80D/80L/80R) @ CR>10	170° Vert., 176° Hor. (85U/85D/88L/88R) @ CR>5
Response Time (typical)	5ms	14ms		5ms	
Displayable Colors	More than 16.7 million				
Synchronization Range					
Horizontal (Analog/Digital)	31.5-81.1 kHz				
Vertical	56-76 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)				
Input Connectors	DVI-D, VGA 15-pin D-sub				
POWER CONSUMPTION					
On (typical)	11W	18W	14W	18W	19W
Power Savings Mode (typical)	0.15W		0.4W	0.35W	0.45W
PHYSICAL SPECIFICATIONS					
Dimensions (WxHxD)					
Net (with stand)	14.7 x 14.7 x 8.1 in. / 373.2 x 373.1 x 205.1mm	16.2 x 15.9 x 8.1 in. / 412.5 x 403.1 x 205.1mm	18.3 x 13.2 x 8.1 in. / 466.0 x 335.1 x 205.1mm	20.0 x 14.4 x 8.1 in. / 507.4 x 364.7 x 205.1mm	22.5 x 15.8 x 8.3 in. / 571.4 x 400.9 x 211.2mm
Net (without stand)	14.7 x 12.2 x 2.7 in. / 373.2 x 310.2 x 69mm	16.2 x 13.4 x 2.7 in. / 412.5 x 341.2 x 69mm	18.3 x 11.0 x 2.1 in. / 466.0 x 278.2 x 53.3mm	20.0 x 11.9 x 2.4 in. / 507.4 x 301.1 x 60.0mm	22.5 x 13.8 x 2 in. / 571.4 x 350.8 x 50.4mm
Weight					
Net (with stand)	7.3 lbs. / 3.3 kg	8.6 lbs. / 3.9 kg	7.5 lbs. / 3.4 kg	9 lbs. / 4.1 kg	8.8 lbs. / 4.0 kg
Net (without stand)	6.4 lbs. / 2.9 kg	7.7 lbs. / 3.5 kg	6.4 lbs. / 2.9 kg	8.2 lbs. / 3.7 kg	7.9 lbs. / 3.6 kg
VESA Hole Configuration	100 x 100mm				
ENVIRONMENTAL CONDITIONS					
Operating Temperature	41-95°F / 5-35°C				
Operating Humidity	20 - 80%				
Operating Altitude	6562 ft. / 2000m				
Storage Temperature	14-140°F / -10-60°C				
Storage Humidity	10-85%				
Storage Altitude	40,000 ft. / 12,192m				
ENVIRONMENTAL COMPLIANCE					
ENERGY STAR	6.0				
TCO	6.0				
EPEAT	Silver				
RoHS	Yes				
LIMITED WARRANTY	3 years parts and labor, including backlight*				
ADDITIONAL FEATURES	ECO Mode; Carbon footprint meter; Thin frame; Tilt; Rapid Response; Ambix; XtraView; OSD user controls; NaViSet software; Cable management; VESA mount; HDCP; DDC/CI; No Touch Auto Adjust; Plug and Play (VESA DDC 2B); VESA DPMS power management; AccuColor color control; Digital smoothing; Digital controls; ISO 9241-307 Class I		ECO Mode; Carbon footprint meter; Thin frame; Tilt; Integrated speakers; Rapid Response; Ambix; XtraView; OSD user controls; NaViSet software; Cable management; Touch-integratable (AS222WM); VESA mount; HDCP; DDC/CI; No Touch Auto Adjust; Plug and Play (VESA DDC 2B); VESA DPMS power management; AccuColor color control; Digital smoothing; Digital controls; ISO 9241-307 Class I		ECO Mode; Carbon footprint meter; Thin frame; Tilt; Rapid Response; Ambix; XtraView; NaViSet software; VESA mount; HDCP; DDC/CI; No Touch Auto Adjust; Plug and Play (VESA DDC 2B); VESA DPMS power management; AccuColor color control; Digital smoothing; Digital controls; ISO 9241-307 Class I
SHIPS WITH	Setup sheet; User manual; Power cord; 15-pin D-sub cable	Setup sheet; User manual; Power cord; Video cable; Remote if applicable	Setup sheet; User manual; Power cord; 15-pin D-sub cable; Audio cable		Setup sheet; User manual; Power cord; 15-pin D-sub cable

* Warranty restrictions apply. Contact your representative for details.

NEC Display Solutions

500 Park Boulevard, Suite 1100
Itasca, IL 60143
866-NEC-MORE

www.necdisplay.com