

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 AS171, 19" AS192, and widescreen 19" AS192WM, 22" AS221WM and 24" AS241W 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 AS192, AS192WM and AS241W set the bar for "green" technology by using LED backlighting, which is more energy-efficient. Compared to their predecessors, these models 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 (AS192, AS192WM & AS241W)
- **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 (AS192WM & AS221WM)
- **Touch integration-enabling design** increases application options (AS192WM & AS221WM)
- **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 for AccuSync AS171/AS192/AS192WM/AS221WM/AS241W

| MODEL | AS171 | AS192 | AS192WM | AS221WM | AS241W |
|---|---|--|---|--|---|
| DISPLAY | | | | | |
| Panel Technology | TN | | | | |
| Viewable Image Size | 17" | 19" | | 22" | 23.6" |
| Aspect Ratio | 5:4 | | 16:10 | 16:10 | 16:9 |
| Native Resolution | 1280 x 1024 | | 1440 x 900 | 1680 x 1050 | 1920 x 1080 |
| Pixel Pitch | 0.264mm | 0.294mm | 0.284mm | 0.282mm | 0.272mm |
| Pixels Per Inch | 96 @ native resolution | 86 @ native resolution | 90 @ native resolution | 90 @ native resolution | 94 @ native resolution |
| Backlight Type | CCFL | W-LED | | CCFL | W-LED |
| Brightness (typical) | 250 cd/m ² | | | | 300 cd/m ² |
| Contrast Ratio (typical) | 1000:1 | | | | |
| Viewing Angle (typical) | 160° Vert., 160° Hor. (80U/80D/80L/80R) @ CR>10 | 160° Vert., 170° Hor. (75U/85D/85L/85R) @ CR>10 | | 160° Vert., 160° Hor. (80U/80D/80L/80R) @ CR>10 | 160° Vert., 160° Hor. (80U/80D/80L/80R) @ CR>10 |
| Response Time (typical) | 5ms | | | | |
| Displayable Colors | More than 16.7 million | | | | |
| Synchronization Range | | | | | |
| Horizontal (Analog/Digital) | 31.5-81.1 kHz | | | 31.5-82.3 kHz | 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) | 22W | 25W | 14W | 24W | 23W |
| Power Savings Mode (typical) | 0.4W | 0.15W | 0.4W | 0.42W | 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 | 17.3 x 13.7 x 8.3 in. / 439.4 x 347.1 x 209.8mm | 19.9 x 15.4 x 8.7 in. / 505.2 x 390.9 x 221.8mm | 22.3 x 15.6 x 7.5 in. / 566 x 395.1 x 190mm |
| 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 | 17.3 x 11.8 x 2.5 in. / 439.4 x 299.8 x 64.6mm | 19.9 x 13.5 x 2.6 in. / 505.2 x 342.9 x 65.2mm | 22.3 x 13.5 x 2 in. / 566 x 343.2 x 50.9mm |
| Weight | | | | | |
| Net (with stand) | 8.6 lbs. / 3.9 kg | 7.5 lbs. / 3.4 kg | 7.9 lbs. / 3.6 kg | 11 lbs. / 5 kg | 9.5 lbs. / 4.3 kg |
| Net (without stand) | 7.7 lbs. / 3.5 kg | 6.6 lbs. / 3 kg | 7.3 lbs. / 3.3 kg | 10.4 lbs. / 4.7 kg | 9 lbs. / 4.1 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 | 5.0 | | 6.0 | 5.0 | 5.1 |
| TCO | 5.0 | 5.1 | 6.0 | 5.0 | 5.2 |
| 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; 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; 15-pin D-sub cable; Audio cable | | |

* Warranty restrictions apply. Contact your representative for details.