*Overview*

## Model

KW030AA

*Technical Specifications*

| Panel | Type | 19-in (48.25-cm) Wide-Aspect Active Matrix BrightView TFT (thin film transistor) |
|---|---|---|
| | Viewable Image Area (diagonal) | 19 in (48.25 cm) widescreen(WXGA+); diagonally measured |
| | Screen Opening (W x H) | 16.1 x 10.1 in (41.0 x 25.7 cm) |
| | Panel Type | TN |
| | Aspect Ratio | 16:10 |
| | Viewing Angle (typical) | Up to 160° horizontal/160° vertical (10:1 minimum contrast ratio) |
| | Brightness (typical)* | 300 nits (cd/m$^2$) |
| | Contrast Ratio (typical)* | 1000:1 |
| | Response Time (typical)* | 5 ms (on/off) |
| | Pixel Pitch | .285 mm |
| | Backlight Lamp Life (to half brightness) | 50 K hours |
| | *All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. | |
| On Screen Display (OSD) **Controls** | Buttons or Switches | OSD menu select, Volume/OSD down, Quick View/OSD UP, Auto adjust/Select |
| | Languages | English, German, France, Spanish, Italian, Dutch, Simplified Chinese, Japanese, Portuguese |
| | User Controls | Switch Video Input, Brightness, Contrast, Image Control, Color, Quick View, Language, Management, Information, Factory Reset, Exit |
| Signal Interface/ Performance | Horizontal Frequency | 24 to 83 kHz |
| | Vertical Frequency | 50 to 76 Hz |
| | Native Resolution | 1440 x 900 @ 60 Hz |
| | Preset VESA Graphic Modes (non-interlaced) | 1280 x 1024 @ 60 Hz and 75 Hz |
| | | 1024 x 768 @ 60 Hz and 75 Hz |
| | | 800 x 600 @ 60 Hz and 75 Hz |
| | | 640 x 480 @ 60 Hz and 75 Hz |
| | Text Mode | 720 x 400 @ 70 Hz |
| | Mac Mode | 1152 x 870 @ 75 Hz and 832 x 624 @ 75 Hz |
| | Sun Mode | 1152 x 900 @ 66 Hz |
| | Maximum Pixel Clock Speed | 140 MHz (analog input) |
| | User Programmable Modes | Yes, 10 |
| | Anti-Glare | No |
| | Anti-Static | Yes |
| | Default Color Temperature | 6500 K |
| Video/Other Inputs | Plug and Play | Yes |

*Technical Specifications*

|  |  |  |  |
|---|---|---|---|
|  | Self Powered USB 2.0 Hub | No |  |
|  | Input Signal | VGA , DVI-D |  |
|  | Input Impedance | 75 ohms ± 10% |  |
|  | Sync Input | TTL separate syncs |  |
|  | VGA Cable | 15 pin D-sub VGA |  |
|  | VGA Cable Length | 5.9 ft (1.8 m) |  |
| Audio | Speakers | Integrated rear firing |  |
|  | Output power | 2 watt per channel |  |
|  | Controls | Volume, OSD selectable |  |
|  | Audio cable | Included |  |
| Power | Input Power | Auto-Sensing, 100 to 240 VAC, 50 +/-3 Hz to 60 +/-3 Hz) |  |
|  | Frequency | 45 to 63 Hz |  |
|  | Average Power Consumption | 38 watts |  |
|  | Maximum Power Consumption | 49 watts |  |
|  | Power Saving | 2 watts standby;1 watt off |  |
|  | Power Cable Length | 6.2 ft (1.9 m) |  |
| Mechanical | Dimensions (H x W x D) | Unpacked w/stand | 14.9 x 17.9 x 7.2 in (38.0 x 45.5 x 18.4 cm) |
|  |  | Unpacked w/o stand (head only) | 12.2 x 17.9 x 2.2 in (31.2 x 45.5 x 5.7 cm) |
|  |  | Packaged | 19.3 x 21.1 x 6.4 in (48.9x 53.6 x 16.3 cm) |
|  | Weight | Unpacked | 11 lb (5 kg) |
|  |  | Head only | 8.8 lb (4.0 kg) |
|  |  | Packaged | 15.0 lb (6.8 kg) |
|  | Tilt Range | -5° to + 25° vertical |  |
|  | Swivel Range | Yes |  |
|  | Height Adjustable | No |  |
|  | Pivot Rotation | No |  |
|  | Foot/Base | Detachable, ships detached |  |
| Environmental | Temperature - Operating | 32° to 104° F (0° to 40° C) |  |
|  | Temperature - Non-operating | -4° to 140° F (-20° to 60° C) |  |
|  | Humidity - Operating | 15% to 90% non-condensing |  |
|  | Humidity - Non-operating | 15% to 90% non-condensing |  |
|  | Altitude - Operating | +12,000 ft (3,658 m) |  |
|  | Altitude - Non-operating | +40,000 ft (12,192 m) |  |
| Options | HP Security Lock-Part number PC766A | Combines aircraft-grade steel and Kevlar fiber to securely lock down your monitor and help prevent theft. |  |
| Other | Accessories Included | Power cable , VGA cable, Audio cable, Documentation CD, Warranty card |  |

## Technical Specifications

| | | |
|---|---|---|
| | User Guide Languages | English, B. Portuguese, French, Spanish, Korean, S. Chinese, T. Chinese, Bahasa, Japanese, Dutch, German, Italian, Norwegian, Swedish, Polish, Russian, Turkish |
| | Warranty Languages | English, Canadian French, LA Spanish, Brazilian Portuguese, Danish, German, Castilian Spanish, French, Italian, Dutch, Norwegian, Finnish, Swedish, Bahasa Indonesian, Korean, T. Chinese, S. Chinese |
| | Color | Black and silver |
| | VESA External Mounting | Yes (Standard 4 hole pattern, 100 mm) |
| | Kensington Lock-Ready | Yes |
| Certification and Compliance | | ISO 13406-2 pixel defect guidelines, CISPR, VCCI, CSA (Canada), ACA (Australia), BSMI (Taiwan), CCC (China), MIC (South Korea), NOM (Mexico), CE Marking, FCC approval, Energy Star, Microsoft® Windows® certified (Microsoft Windows 2000, Microsoft Windows XP and Windows Vista®), UL listed, GOST (Russia), SASO (Saudi Arabia), SABS (South Africa), BNCI, Argentina, SEMKO |
| Compatibility | | Compatible with platforms using the VESA standard video modes. Recommended for use with HP products. |
| Service and Warranty | | One year parts, labor, and on-site service. 24-hour, 90-day, toll-free technical support. Replacement options may include second business day on-site service, or next business day direct replacement, at HP's sole discretion.* With direct replacement, HP will ship a replacement display product directly to you. Using the prepaid shipping labels provided, return your failed display to HP in the same packaging as the replacement. Certain restrictions and exclusions apply. For details see your product warranty or contact HP Customer Support. |

\* Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts from date of hardware purchase. Restrictions and limitations apply. HP Care Pack Services extend service contracts beyond the standard warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: www.hp.com/go/lookuptool. Additional HP Care Pack Services information by product is available at: www.hp.com/hps/carepack.