

Technical Specifications

HP IE2201w 22-inch Widescreen LCD Monitor

Model

NK571AA

Panel	<p>Type 22-inch Wide-Aspect Active Matrix TFT (thin film transistor)</p> <p>Viewable Image Area 22 in (55.9 cm) widescreen; diagonally measured</p> <p>Screen Opening (W x H) 18.8 x 11.8 in (47.8 x 30.0 cm)</p> <p>Panel Type TN</p> <p>Aspect Ratio 16:10</p> <p>Viewing Angle (typical) Up to 160° horizontal/160° vertical (10:1 minimum contrast ratio)</p> <p>Brightness (typical)* 250 nits (cd/m²)</p> <p>Contrast Ratio (typical)* 1000:1</p> <p>Response Time (typical)* 5 ms (on/off)</p> <p>Pixel Pitch 0.282 mm</p> <p>Backlight Lamp Life (to half brightness) 30K hours</p> <p>Color Gamut 72%</p>
<p>*All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.</p>	
On Screen Display (OSD) Controls	<p>Buttons or Switches OSD up, auto adjust/OSD down, OSD menu select, power</p> <p>Languages English, French, German, Spanish, Italian, Dutch, S. Chinese, Brazilian Portuguese and Japanese,</p> <p>User Controls Brightness, contrast, positioning, color temperature (6500k, 9300k, custom), individual color control, serial number, display, clock, clock phase, monitor management, factory reset, etc</p>
Signal Interface/ Performance	<p>Horizontal Frequency 24 to 83 kHz (VGA input)</p> <p>Vertical Frequency 50 to 76 Hz (VGA input)</p> <p>Native Resolution 1680 x 1050 @ 60 Hz (WSXGA+), 1.76 Million pixels</p> <p>Preset VESA Graphic Modes (non-interlaced)</p> <p>1600 x 1000 @ 60 Hz</p> <p>1440 x 900 @ 60 Hz</p> <p>1280 x 1024 @ 60 Hz and 75 Hz</p> <p>1280 x 960 @ 60 Hz</p> <p>1152 x 900 @ 65 Hz</p> <p>1024 x 768 @ 60 Hz and 75 Hz</p> <p>800 x 600 @ 60 Hz and 75 Hz</p> <p>640 x 480 @ 60 Hz and 75 Hz</p> <p>Text Mode 720 x 400 @ 70 Hz</p> <p>Mac Mode 1152 x 870 @ 75 Hz and 832 x 624 @ 75 Hz</p> <p>Sun Mode 1152 x 900 @ 76 Hz</p>

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	Maximum Pixel Clock Speed	165 MHz (analog input)	
	User Programmable Modes	Yes, 15	
	Anti-Glare	Yes	
	Anti-Static	Yes	
	Default Color Temperature	6500 K	
Video/Other Inputs	Plug and Play	Yes	
	Input Signal	VGA connector	
	Input Impedance	75 ohms ± 10%	
	Sync Input	TTL separate synch	
	VGA Cable	15 pin D-sub VGA	
	VGA Cable Length	5.9 ft (1.8 m)	
	Power	Input Power	Auto-range, 100 to 240 VAC, 50 +/-3 Hz to 60 +/-3 Hz
Frequency		47.5 to 63 Hz	
Typical Power Consumption		30watts	
Maximum		< 35 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	16.34 x 20.28 x 8.15 in (41.5 x 51.5 x 20.7 cm)
		Unpacked w/o stand (head only)	13.58 x 20.28 x 2.36 in (34.5 x 51.5 x 6.0 cm)
		Packaged	19.25 x 23.11 x 6.34 in (48.9 x 58.7 x 16.1 cm)
	Weight	Head Only	4.7 kg (10.3 lb.)
		Unpacked	5.2 kg (11.5 lb.)
		Packaged	7.5 Kg (16.5 lbs)
	Tilt Range	-5° to + 25° vertical	
	Swivel Range	No	
	Height Adjustable	No	
	Pivot Rotation	No	
Base	Detachable, ships detached		
Environmental	Temperature - Operating	41° to 95° F (5° to 35° C)	
	Temperature - Non-operating	-29° to 140° F (-20° to 60° C)	
	Humidity - Operating	20% to 80% non-condensing	
	Humidity - Non-operating	5% to 95%, 38.7° C max wet-bulb	
	Altitude - Operating	+12,000 ft (3,658 m)	
Altitude - Non-operating	+40,000 ft (12,192 m)		

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Options	<p>HP LCD Speaker Bar – Part number NQ576AA</p> <p>HP LCD Monitor Quick Release—Part number EM870AA¹</p> <p>HP Integrated Work Center Stand—Part number GN783AA</p> <p>HP USB Graphics Adapter—Part number—NL571AA</p> <p>HP Business PC Security Lock Kit—Part number PV606AA</p>	<p>Powered directly by the connected PC, the Speaker Bar seamlessly attaches to the monitor's lower bezel to bring full audio support to select HP LCD monitors. Features include dual speakers with full sound range and dual external headphone jacks. Sold separately. For more information, refer to the product's QuickSpecs.</p> <p>An easy-to-use, VESA-compliant, LCD monitor mounting solution that allows you to quickly and securely attach an LCD monitor to a variety of stands, brackets, arms or wall mounts. For more information, refer to this product's QuickSpecs document.</p> <p>Allows mounting of select 17- to 22-inch diagonal HP LCD monitors and an HP Compaq dc7900 Ultra-slim Desktop PC or HP thin client on a single stand for the convenience of an "all-in-one" form factor. Sold separately. For more information, refer to this product's QuickSpecs document.</p> <p>Enables connection of up to six simultaneous displays to help you boost productivity and multi-task across several open applications. Use one Adapter to bridge between a notebook or desktop PC and second monitor or use multiple Adapters to connect several displays to each other.</p> <p>Attaches to the rear of the PC with a six-foot steel cable that can be used to secure a PC or peripherals such as mice, keyboards, monitors or USB security devices to protect them against unauthorized removal by physically connecting the system to an anchor point.</p>
Other	<p>Accessories Included</p> <p>Software</p> <p>User Guide Languages</p> <p>Warranty Languages</p> <p>Color</p> <p>VESA External Mounting</p> <p>Kensington Lock-Ready</p>	<p>VGA cable – connects the graphic card's VGA connector to the monitor's VGA input; power cable</p> <p>HP Display Assistant is a software utility that enables theft deterrence and allows monitor adjustment, color calibration, and security/asset management using the Display Data Channel Command Interface (DDC/CI) protocol of the connected PC.</p> <p>HP Display LiteSaver allows you to schedule Sleep mode at preset times to help protect the monitor against image retention, drastically lower power consumption and energy costs, and extend the lifespan of the monitor.</p> <p>English, B. Portuguese, French, LA Spanish, Korean, S. Chinese, T. Chinese, Bahasa, Japanese, Danish, Finnish, German, Norwegian, Spanish, Swedish, Greek, Polish, Russian, Slovenian, Turkish</p> <p>English, Canadian French, LA Spanish, Brazilian Portuguese, Danish, German, Castilian Spanish, French, Italian, Dutch, Norwegian, Finnish, Swedish, Bahasa Indonesian, Korean, T. Chinese, S. Chinese</p> <p>Black</p> <p>Yes, standard 4 hole pattern, 100 mm</p> <p>Yes, One Kensington slots available</p>

¹ The HP Quick Release has been designed to support a maximum of up to 24 lbs (10.9 kg) depending upon the mounting configuration used. Please note this is a total weight limit for all devices mounted, i.e. the combined weight of the monitor and a second device such as an HP Compaq Thin Client cannot exceed 24 pounds. Because mounting surfaces vary widely and the final mounting method and configuration may vary, mounting fasteners are not supplied (other than the VESA-compliant screws). HP recommends that you consult with a qualified engineering, architectural or construction professional to determine the appropriate type and quantity of mounting fasteners required for your application and to ensure that your mounting solution is properly installed to support applied loads.

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Certification and Compliance	TCO5 (Low Emissions), ISO 9241-307, CISPR Requirements, VCCI Approvals, KC and KCC (Korean) Requirements, CSA 60950-1, UL 60950-1, EN55022 Class B, CNS 13438 Class B, IEC 60950-1, China Energy Label (CEL), China MEPS, Korea MEPS (pending, Energy Boy), SmartWay – NA only - Energy logistics, EUP Lot 6 Tier 1 AS/NZS 3548 Class B Approval, "GS" Mark, TUV Approvals, GEEA, CE Marking, FCC Part 15 class B Approval, ENERGY STAR® qualified, EN55024 Class B, EN60950 - 1, CUL, CCIB, CCEE, IT ECO (EDS)
Compatibility	Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.
Service and Warranty	Three years 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. ² 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.

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