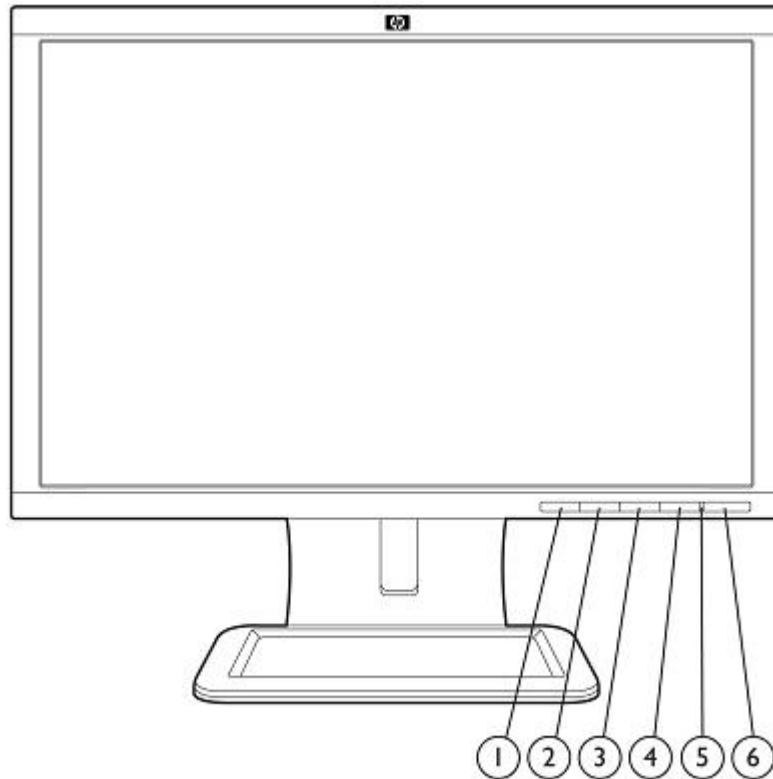# QuickSpecs

Overview

1. **Menu/select**: Opens, selects or exits the OSD menu.

2. **"-"**: If the OSD menu is on, press to navigate backward through the OSD menu and decrease adjustment levels.

3. **"+"/source**: Select input source. If the OSD menu is on, press to navigate forward through the OSD menu and increase adjustment levels.

4. **OK/auto:** If the OSD menu is on, press to select the highlighted menu item. If the OSD menu is inactive, press to activate the auto adjustment feature to optimize the screen image.

5. **Power LED**: fully powered = green; sleep mode = amber; sleep timer mode = flashing amber.

6. **Power**: Turns the monitor on or off.

Part number

NM360AA#ABA

Technical Specifications

Panel	Type	19-inch Wide-Aspect Active Matrix TFT (thin film transistor)
	Viewable Image Area	18.95 in (48.13 cm) widescreen; diagonally measured
	Screen Opening (W x H)	16.2 x 10.2 in (40.82 x 25.52 cm)
	Panel Type	TN
	Aspect Ratio	16:10
	Viewing Angle (typical)	Up to 160° horizontal/160° vertical (10:1 minimum contrast ratio)
	Brightness (typical)*	250 nits (cd/m^2)
	Contrast Ratio (typical)*	1000:1
	Dynamic Contrast Ratio (typical)*	3000:1
	Response Rate (typical)*	5 ms (on/off)
	Pixel Pitch	0.2835 mm
	Backlight Lamp Life (to half brightness)	50K hours
	Color Gamut	72%
	*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, OSD up, Source select/OSD down, Auto adjust/OK, Power. (from left to right)
	Languages	English, French, German, Spanish, Italian, Dutch, Japanese, S. Chinese, T. Chinese, and Portuguese
	User Controls	Brightness, contrast, positioning, color temperature (6500k, 9300k, sRGB, custom), display, clock, clock phase, monitor management, factory reset
Signal Interface/ Performance	Horizontal Frequency	24 to 83 kHz
	Vertical Frequency	50 to 76 Hz
	Native Resolution	1440 x 900 @ 60 Hz (WXGA+)
	Preset VESA Graphic Modes (non-interlaced)	1440 x 900 @ 60 Hz
		1280 x 1024 @ 60 Hz
		1280 x 960 @ 60 Hz
		1024 x 768 @ 60 Hz
		800 x 600 @ 60 Hz
		640 x 480 @ 60 Hz
	Text Mode	720 x 400 @ 70 Hz
	Mac Mode	Not supported
	Sun Mode	Not supported
	Maximum Pixel Clock Speed	140 MHz
	User Programmable Modes	Yes, 15
	Anti-Glare	Yes
	Anti-Static	Yes

Technical Specifications

	Default Color Temperature	6500 K	
Video/Other Inputs	Plug and Play	Yes	
	Self Powered USB 2.0 Hub	One upstream (cable included), two downstream ports	
	Input Signal	VGA, DVI-D, and DisplayPort connectors; HDCP support	
	Input Impedance	75 ohms ± 10%	
	Sync Input	TTL separate synch	
	Video Cable	One DVI-D to DVI-D and one 15-pin D-sub (VGA)	
	Video Cable Lengths	VGA 5.9 ft (1.8 m), DVI-D 5.9 ft (1.8 m)	
Power	Input Power	Auto-Sensing, 100 to 240 VAC, 50 +/-3 Hz to 60 +/-3 Hz)	
	Frequency	47.5 to 63 Hz	
	Typical Power Consumption	26 watts (without speaker/with 25% USB)	
	Maximum	< 33 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	14.63 to 16.91 x 17.5 x 9.6 in (37.15 to 42.95 x 44.5 x 24.4 cm)
		Unpacked w/o stand (head only)	11.57 x 17.5 x 2.36 in (29.40 x 44.5 x 6.0 cm)
		Packaged	17.13 x 20.19 x 7.28 in (43.5 x 51.3 x 18.5 cm)
	Weight	Head Only	8.27 lbs (3.75 kg)
		Unpacked	13.67 lbs (6.2 kg)
		Packaged	19.1 lbs (8.7 kg)
	Tilt Range	-5° to + 30° vertical	
	Swivel Range	-170° to + 170°	
	Height Adjustable	Yes, up to 4.72 in (12.0 cm)	
	Pivot Rotation	Yes	
	Base	Attachable, ships attached	
Environmental	Temperature – Operating	41° to 95° F (5° to 35° C)	
	Temperature – Non-operating	-4° 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	0 to 16, 404 ft (0 to 5, 000 m)	
	Altitude – Non-operating	0 to 40,000 ft (0 to 12,192 m)	
Options	HP LCD Speaker Bar—Part number NQ576AA	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 flat panel monitors. Features include dual speakers with full sound range and dual external headphone jacks. Sold separately. For more information, refer to the	

Technical Specifications

		product's QuickSpecs.
	HP LCD Monitor Quick Release—Part number EM870AA*	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.
	HP Integrated Work Center Stand—Part number GN783AA	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.
	HP USB Graphics Adapter—Part number NL571AA	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.
	HP Business PC Security Lock Kit—Part number PV606AA	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.
	DisplayPort Cable Kit—Part number NV567AA	Allows digital connectivity to the monitors DisplayPort video input and the PC's DisplayPort video connector.

* 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 an HP 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.

Other	Accessories Included	VGA cable, DVI-D to DVI-D cable, USB cable, power cable, user CD-ROM
	Software	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.
		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.
		Pivot Pro software from Portrait Displays, Inc. interacts with your PC's native graphics driver to enable seamless portrait screen redraws with a simple mouse-click or keyboard command. Pivot Pro supports 90-degree portrait and landscape views. Language support is available in English, Japanese, French, German, Spanish, Italian, and Traditional and Simplified Chinese.
	User Guide Languages	English, B. Portuguese, French, LA Spanish, Korean, S. Chinese, T. Chinese, Bahasa, Japanese, Danish, Finnish, German, Norwegian, Spanish, Swedish, Greek, Polish, Russian, Slovenian, 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
	Bezel Color	Brushed Aluminum and Black

QuickSpecs

itle LCD Monitor

Technical Specifications

VESA External Mounting	Yes (One sets of Standard 4 hole pattern, 100 mm) Use of the top VESA 4 hole pattern will allow the user to set monitor head lower to the desk surface
Security Lock-Ready	Yes, one security slot available
Certification and Compliance	TCO Displays 5.0, 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, CCC, IT ECO (EDS), EPEAT® Gold (select regions)
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.* 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. * HP Care Pack Services extend service contracts beyond the standard warranties. Service starts from date of hardware purchase. 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. Service levels and response times for HP Care Packs may vary depending on your geographic location.