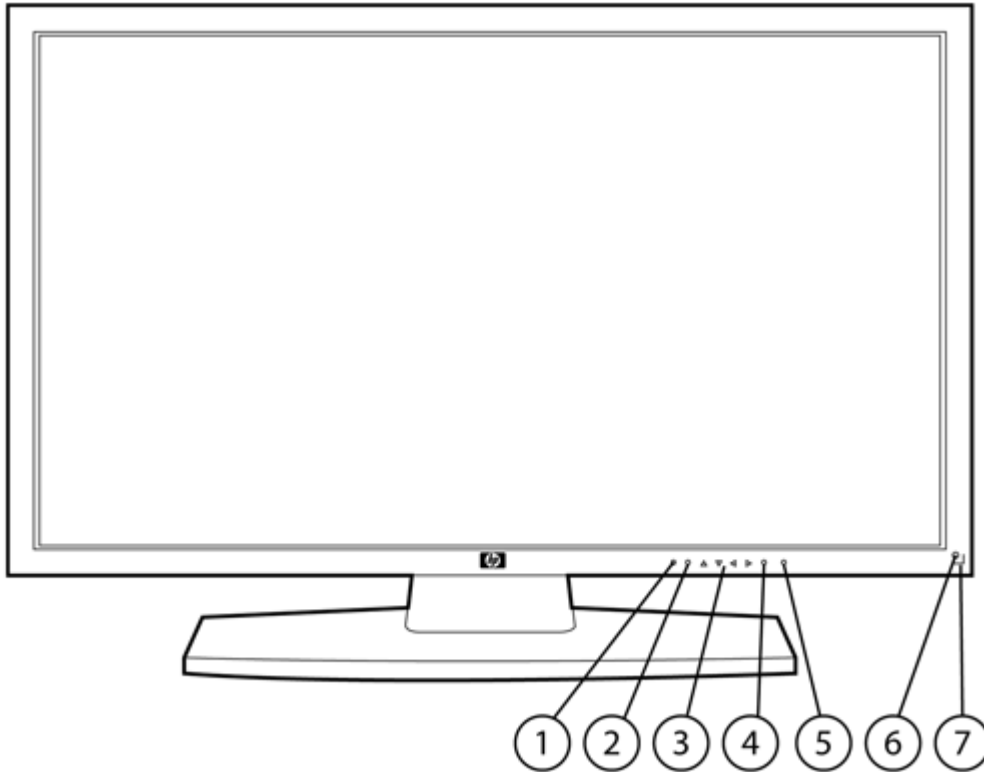


Overview



1. Source: Toggles between video inputs:
 - AV - Composite Video, S-Video
 - Component1 - HDTV, DVD
 - Component2 - HDTV, DVD
 - RGB PC - VGA or 15-pin D-Sub analog signal
 - HDMI/DVI - Digital signal
2. Menu: Opens or closes the OSD (On-screen Display) menu screen.
3. OSD select/adjust buttons: Selects an OSD menu icon or adjusts the settings in the OSD screen.
 - ▼▲ Adjusts up and down
 - ◀▶ Adjusts the volume
4. Auto/Set: When OSD window is closed, activates the auto adjustment feature to optimize the screen image. When OSD window is open, press to select a menu item or save changes.
5. Power: Press to turn on the power. Press again to turn it off.
6. IR receiver: Receives signals from the remote control.
7. Power indicator: Lights up blue when the display operates normally (on mode). If the display is in sleep (Energy Saving) mode, the indicator color changes to amber.

Model

NH322AA#ABA, NH322A8#ABA (Smart Buy)

Technical Specifications

Panel	Type	42-inch diagonal (106.7-cm) Wide-Aspect Active Matrix TFT (thin film transistor)
	Viewable Image Area	42 in (106.7 cm) widescreen; diagonally measured
	Screen Opening (W x H)	36.97 x 20.91 in (93.9 x 53.1 cm)
	Viewing Angle (typical)	Up to 178° horizontal/178° vertical (10:1 minimum contrast ratio)
	Brightness (typical)*	500 nits (cd/m ²)
	Contrast Ratio (typical)*	1000:1, Dynamic contrast ratio: 3000:1
	Response Time (typical)*	9 ms
	Pixel Pitch	0.4845mm square
	Color Gamut	(72% color gamut)
*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	Source, menu, auto/set, power
	Languages	English, French, Spanish
	User Controls	Source selection, picture modes, tile modes, color temperature, aspect ratio, audio modes, auto volume, on/off time, key lock, ISM method, auto config, clock, phase
Signal Interface/ Performance	Horizontal Frequency	30 to 83 kHz
	Vertical Frequency	56 ~ 76 Hz (Analog). 56 ~ 61 Hz (Digital)
	Native Resolution	1920 x 1080 @ 60 Hz (Analog/Digital) (FHD)
	Max Resolution	1920 x 1080 @ 60 Hz (Digital)
		1920 x 1080 @ 60 Hz (Analog)
	Preset VESA Graphic Modes (non-interlaced)	1920 x 1080 @ 60 Hz
		1600 x 1200 @ 60 Hz
		1680 x 1050 @ 60Hz
		1280 x 1024 @ 60 Hz, 75 Hz
		1366 x 768 @ 60 Hz
		1360 x 768 @ 60 Hz
		1280 x 768 @ 60 Hz
		1280 x 720 @ 60 Hz
		1024 x 768 @ 60 Hz, 75 Hz
		800 x 600 @ 60 Hz and 75 Hz
640 x 480 @ 60 Hz and 75 Hz		
640 x 350 @ 70 Hz		
Text Mode		720 x 400 @ 70 Hz
Mac Mode	832 x 624 @ 75 Hz	
Maximum Pixel Clock Speed	170 MHz	
User Programmable Modes	Yes, 10	
Anti-Glare	Yes	

Technical Specifications

	Anti-Static	Yes
	Default Color Temperature	11000K
Video/Other Inputs	Plug and Play	Yes
	Input Signal	VGA, HDMI, component (2), composite (1), and S-video inputs (1). VGA out for Tiling.
	Input Impedance	75 ohms \pm 10%
	Sync Input	TTL separate synch
	RS232	1 input and 1 output
	VGA Cable Length	5.9ft (1.8 m)
Power	Input Power	Auto-Sensing, 100 to 240 VAC
	Frequency	60 Hz \pm 3 Hz
	Typical Power Consumption	220 W
	Maximum	240 W
	Power Saving	4 W (HDMI) and 1 W (VGA)
	Power Cable Length	6.2 ft (1.9 m)
Mechanical	Dimensions (H x W x D)	Unpacked w/stand /spkr 26.6 x 39.2 x 11.5 in (67.6 x 99.56 x 29.3 cm) Unpacked w/o stand 23.1 x 39.2 x 4.5 in (head only) (58.76 x 99.56 x 11.39 cm) Packaged 26.0 x 44.1 x 11.2 in (66.0 x 11.2 x 28.5 cm)
	Weight	Unpacked w/stand 54.0 lb (24.5 kg) Unpacked w/o stand 46.7 lb (21.2 kg) (head only) Packaged (head only) 55.6 lb (25.2 kg)
	Tilt Range	None
	Swivel Range	None
	Height Adjustable	None
	Pivot Rotation	None
	Base	Sold separately
Environmental	Temperature ~ Operating	41° to 95° F (5° to 35° C)
	Temperature ~ Non-operating	-29° to 140° F (-20° to 60° C)
	Humidity ~ Operating	10% to 80% non-condensing
	Humidity ~ Non-operating	5% to 95%, 38.7° C max wet-bulb
	Altitude ~ Operating	0~15,000 ft (0~4570 m)
	Altitude ~ Non-operating	0~40,000 ft (0~12,192 m)
Options	Speakers—Part number: NK352AA	Add a full range of sound (10 watts each) with these rear-facing audio amplifier and speakers that discreetly attach to the rear of the display.

Technical Specifications

	Stand—Part Number NK353AA	This durable stand attaches to bottom of display, for positioning the unit as part of a desktop-based PC or workstation solution.
	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.
Other	Accessories Included	VGA cable, Power cable
	User Guide Languages	English, French, LA Spanish
	Warranty Languages	English, French, LA Spanish
	Color	Black
	VESA External Mounting	Yes, 600 x 400 mm 4 hole pattern
	Security Lock-Ready	Yes, one security slot available
Certification and Compliance	UL, c-UL, EMC FCC Class "B", TAA Compliant	
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 limited warranty. 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.

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