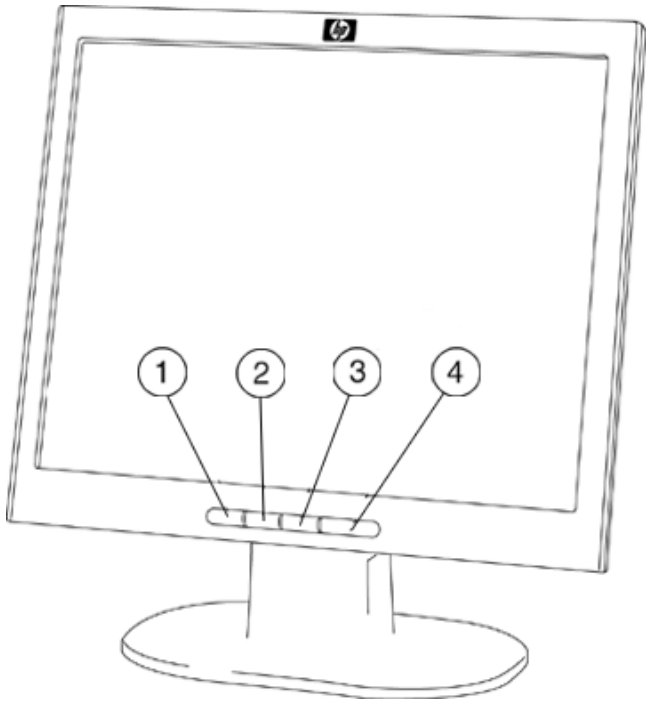
Overview



1. Menu button
2. – adjust
3. + adjust
4. Power on/off

Models

P9602A#ABA

Technical Specifications

Panel	**Type**	19-inch Active Matrix TFT (thin film transistor)
	Viewable Image Area (diagonal)	19.0 in (48.25 cm) maximum, diagonal
	Screen Opening (W x H)	14.81 x 11.85 in (37.6 x 30.1 cm)
	Viewing Angle (typical)*	Up to 140 degrees horizontal/ 140 degrees vertical (10:1 minimum contrast ratio)
	Brightness (typical)*	Up to 250 nits (cd/m^2)
	Contrast Ratio (typical)*	Up to 500:1 (typical)
	Response Rate (typical)*	16 ms (typical) (rise + fall)
	Pixel Pitch	0.294 mm
	Color Depth Support	> 16 million colors
	*All performance specifications are provided by the component manufacturers. Performance specifications represent the highest specification of all HP's component manufacturers' typical level specifications for performance. Actual performance may vary either higher or lower.	
Video Input	**Plug and Play**	Yes
	Input Signal	Attached 15-pin D-sub (analog VGA)
	Input Impedance	75 ohms DC ± 1.5 ohms
	Sync Input	TTL separate sync
	Video Cable	VGA
	Video Cable Length	5.9 ft (1.8 m); captive
Signal Interface/ Performance	**Horizontal Frequency**	30 to 81 kHz
	Vertical Frequency	56 to 76 Hz
	Graphics Controller	Genesis or ST or MST
	Native Resolution	1280 x 1024 @ 60 Hz (recommended)
	Maximum Resolution (Digital)	N/A
	Preset VESA Graphic Modes (non-interlaced)	1280 x 1024 @ 60 Hz and 75 Hz 1024 x 768 @ 60 Hz, 70 Hz, and 75 Hz 800 x 600 @ 60 Hz, 72 Hz, and 75 Hz 640 x 480 @ 60 Hz, 72 Hz, and 75 Hz
	Maximum Pixel Clock Speed	140 MHz
	User Programmable Modes	15
	Anti-Glare	Yes
	Anti-Static	Yes
	Default Color Temperature	6500 sRGB
On Screen Display (OSD) **Controls**	**Buttons or Switches**	Power on/off 3 button OSD (menu, plus, minus)
	Languages	English, Spanish, French, Italian, German, Dutch
	User Controls	Brightness Contrast Horizontal/vertical position Color temperature (6500k, 9300k, Custom) Clock, clock phase Power saver, power on recall Mode display Sleep timer Horizontal OSD position, vertical OSD position, OSD timeout Factory reset

Technical Specifications

Power	**Input Power**	Universal/auto-sensing, 100 to 240 VAC, 50 to 60 Hz	
	Maximum	< 40 watts	
	Power Saving	< 2 watts	
	Power Cable Length	5.9 ft (1.8 m)	
Mechanical	**Dimensions** (H x W x D)	**Unpacked w/ stand**	16.8 x 16.6 x 7.8 in (42.7 x 42.2 x 19.7 cm)
		Unpacked w/o stand	14.2 x 16.6 x 2.9 in (36.1 x 42.2 x 7.5 cm)
		Packaged	20.1 x 7.0 x 20.1 in (17.8 x:51.2 x 51.2 cm)
	Weight	**Unpacked**	14.4 lb (6.5 kg)
		Packaged	18.8 lb (8.5 kg)
	Tilt Range	-5 to +30 degrees vertical tilt	
	Swivel Range	None	
	Height Adjustable	No	
	Pivot Rotation	No	
	Base	Detachable	
Environmental	**Temperature – Operating**	41° to 95° F (5° to 35° C) (non-condensing)	
	Temperature – Non-operating	-4° to 140° F (-20° to 60° C)	
	Humidity – Operating	20% to 80% (non-condensing)	
	Humidity – Non-operating	5% to 90%	
	Altitude – Operating	0 to 12,000 ft (0 to 3,658 m)	
	Altitude – Non-operating	0 to 40,000 ft (0 to 12,100 m)	
Options	**HP Desktop Access Center**	Optional; Features integrated microphone/headset jacks, dual function headset for phone/PC support, a MultiBay slot for adding an optical drive (sold separately), and four USB ports for easy integration of third-party digital solutions; part number DK985A. For more information, refer to the HP Desktop Access Center QuickSpecs.	
Other	**Accessories Included**	Attached VGA Cable, AC Power Cable	
	User Guide Languages	English, French, German, Spanish, Italian, Dutch	
	Warranty Languages	English, French, German, Spanish, Italian, Dutch	
	Color	Carbonite/Silver	
	VESA Mounting	100 mm x 100 mm screw-mounting option; pedestal is attached	
	VESA External Mounting	Yes (Standard 4 hole pattern, 100 mm)	
	Kensington Lock-ready	Yes	
Certification and Compliance	ISO 9241-3,7,8 VDT guidelines, ISO 13406-2 pixel defect guidelines, MPR-II, CISPR, VCCI, C-UL or CSA (Canada), ACA (Australia), TUV and GS Mark (German ergonomic), BSMI (Taiwan), CCC (China), MIC (South Korea), NOM (Mexico), Nemko, Fimko, Demko, Semko (Nordic) Eastern European approvals, CE Marking, FCC approval, Energy Star, TCO '03 (emissions, ergonomics, environment), Microsoft® Windows® certified (Microsoft® Windows® 2000 and Microsoft Windows XP), UL listed		
Compatibility	Compatible with platforms using VESA standard video modes. Recommended for use with HP products.		
Service and Warranty	Limited three years parts, labor, and on-site service, including backlight. Availability varies by region. Certain restrictions and exclusions apply. For details, contact HP Customer Support.		

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