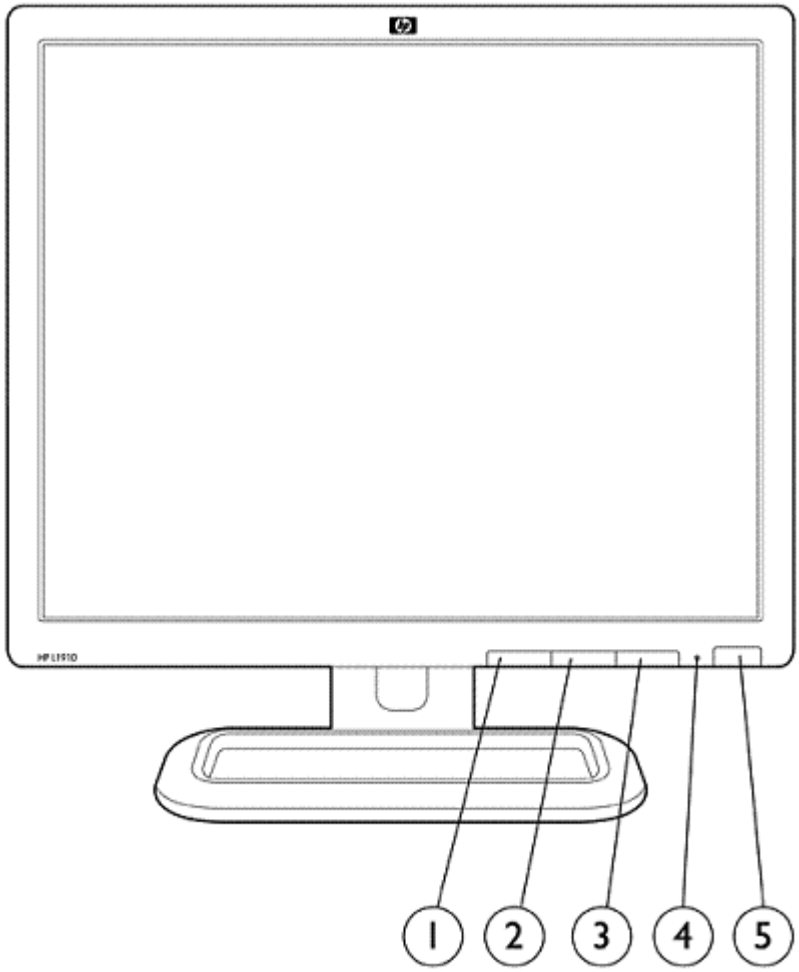
Overview



1. Menu selection
2. Menu "-" selector button
3. Menu "+" selector button
4. Power LED
5. Power button

Models

GS918AA#ABA

Technical Specifications

Panel	Type	19-inch Active Matrix TFT (thin film transistor)
	Viewable Image Area (diagonal)	19 in (48.26 cm)
	Screen Opening (W x H)	14.8 x 11.9 in (37.8 x 30.3 cm)
	Panel Type	TN
	Aspect Ratio	5:4
	Viewing Angle (typical)*	160 degrees horizontal/160 degrees vertical (10:1 minimum contrast ratio)
	Brightness (typical)*	300 nits (cd/m^2)
	Contrast Ratio (typical)*	800:1
	Response Rate	5 ms (rise and fall)
	Pixel Pitch	0.294 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	3-button OSD (menu, minus, plus); power on/off
	Languages	English, French, German, Spanish, Italian, Dutch, Simplified Chinese (Portuguese and Japanese on regional models)
	User Controls	Image Control (auto, horizontal, vertical)
		Color Temperature (6500k, 9300k, Custom, sRGB)
		Brightness
		Contrast
		Clock, Clock Phase
		Monitor Management (power saver, sleep, power on recall, power on status, DDC/CI support, bezel power LED)
		Factory Reset
Signal Interface/ Performance	Horizontal Frequency	24 to 83 kHz
	Vertical Frequency	50 to 77 Hz
	Native Resolution	1280 x 1024 @ 60 Hz (recommended) (SXGA)
	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
		1152 x 870 @ 75 Hz (Mac)
		1152 x 900 @ 76 Hz (Sun)
		832 x 624 @ 75 Hz (Mac)
		800 x 600 @ 60 Hz, 72 Hz, and 75 Hz
		720 x 400 @ 70 Hz
		640 x 480 @ 60 Hz, 72 Hz, and 75 Hz
	Maximum Pixel Clock Speed	140 MHz

Technical Specifications

	User Programmable Modes	Yes, 15	
	Anti-Glare	Yes	
	Anti-Static	Yes	
	Default Color Temperature	6500 degrees Kelvin	
Video Input	Plug and Play	Yes	
	Input Signal	15 pin D-sub (Analog VGA)	
	Input Impedance	75 ohms (2 % value change allowed)	
	Sync Input	TTL separate synch	
	Video Cable	Detachable 15-pin D-sub mini connector	
	Video Cable Length	70.8 in (1.8 m)	
Power	Input Voltage	100 ~ 240 VAC	
	Nominal Current	< 0.50 Ampere	
	Frequency	50 ~ 60 Hz	
	Maximum	< 38 watts	
	Typical	31 watts	
	Power Saving	< 2 watts	
	Power Cable Length	74.8 in (1.9 m); detachable	
Mechanical	Dimensions (H x W x D)	Unpacked w/stand	16.4 x 16.3 x 7.6 in (41.6 x 41.4 x 19.2 cm)
		Display Head only	13.7 x 16.3 x 2.3 in (34.7 x 41.4 x 5.8 cm)
		Packaged	18.6 x 19.2 x 7.4 in (47.2 x 48.7 x 19.0 cm)
	Weight	Head only	8.6 lb (3.9 kg)
		Unpacked	10.8 lb (4.9 kg)
		Packaged	14.4 lb (6.55 kg)
	Tilt Range	-5 to +25 degrees vertical tilt	
	Swivel Range	None	
	Height Adjustable	No	
	Pivot Rotation	No	
	Base and Stand	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 12,192 m)	
Environmental Data	Eco-Label Certifications and Declarations	This product has received or is in the process of being certified to the following approvals and may be labeled with one or more of these marks:	

- IT ECO declaration
- TCO 03
- CECP

Ergonomics

The monitor meets the ergonomic requirement of EN-ISO 13406-2 for flat panel displays.

Additional Information

This product is in compliance with the Restrictions of Hazardous Substances (RoHS) Directive, 2002/95/EC.

This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive, 2002/96/EC.

This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986).

Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043.

Display meets the requirement for low frequency electromagnetic fields per TCO and prEN50279 A/B/C.

This product contains 0% recycled materials (by wt.)

This product is 99.0% recycle-able when properly disposed of at end of life.

Packaging Materials

- Corrugated Carton – 0.800 kg
- Bag LDPE – 0.037 kg
- Film PP – 0.190 kg

Material Usage

This product does not contain any of the following substances in excess of regulatory limits (refer to the HP General Specification for the Environment at: www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen_specifications.html)

- Asbestos
- Certain Azo Colorants
- Certain Brominated Flame Retardants – may not be used as flame retardants in plastics
- Cadmium
- Chlorinated Hydrocarbons
- Chlorinated Paraffins
- Formaldehyde
- Halogenated Diphenyl Methanes
- Lead carbonates and sulfates
- Lead and Lead compounds
- Mercuric Oxide Batteries
- Nickel – finishes must not be used on the external surface designed to be frequently handled or carried by the user.
- Ozone Depleting Substances
- Polybrominated Biphenyls (PBBs)
- Polybrominated Biphenyl Ethers (PBBEs)
- Polybrominated Biphenyl Oxides (PBBOs)
- Polychlorinated Biphenyl (PCB)

		• Polychlorinated Terphenyls (PCT) • Polyvinyl Chloride (PVC) – except for wires and cables, and certain retail packaging has been voluntarily removed from most applications. • Radioactive Substances • Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)
	Packaging	HP follows these guidelines to decrease the environmental impact of product packaging: • Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials. • Eliminate the use of ozone-depleting substances (ODS) in packaging materials. • Design packaging materials for ease of disassembly. • Maximize the use of post-consumer recycled content materials in packaging materials. • Use readily recyclable packaging materials such as paper and corrugated materials. • Reduce size and weight of packages to improve transportation fuel efficiency. • Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.
	End-of-life Management and Recycling	Hewlett-Packard offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: www.hp.com/recycle or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.
	Hewlett-Packard Corporate Environmental Information	For more information about HP's commitment to the environment: Global Citizenship Report www.hp.com/hpinfo/globalcitizenship/gcreport/index.html Eco-label certifications www.hp.com/hpinfo/globalcitizenship/environment/productdesign/ecolabels.html ISO 14001 certificates: www.hp.com/hpinfo/globalcitizenship/environment/operations/envmanagement.html
Options	HP LCD Speaker Bar—Part number EE418AA	Powered directly by the monitor or 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 an external jack for headphones. Sold separately. For more information, refer to the product's QuickSpecs.
	HP LCD Monitor Quick Release—Part number EM870AA[1]	An easy-to-use, VESA-compliant, flat panel monitor mounting solution that allows you to quickly and securely attach a flat panel monitor to a variety of stands, brackets, arms or wall mounts. See product QuickSpecs for available mounting configurations.
	HP Integrated Work Center Stand—Part number GN783AA	Allows mounting of a 17- or 19-inch HP LCD monitor and an HP Compaq dc7800 or dc7900 Ultra-slim Desktop PC or select HP thin clients on a single stand for the convenience of an "all-in-one" form factor. Sold separately. For more information, refer to this product's QuickSpec document.

Technical Specifications

	HP Security Lock—Part number PC766A	Combines aircraft-grade steel and Kevlar fiber to securely lock down your monitor and help prevent theft.

[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 the 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	Detachable VGA cable, detachable AC power cord, documentation kit, and user CD.	
	Software	HP Display LiteSaver feature 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.	
		HP Display Assistant is a software utility that allows monitor adjustment, theft deterrence, and color calibration using the Display Data Channel Command Interface (DDC/CI) protocol of the connected PC.	
	User Guide Languages	English, Brazilian Portuguese, French, LA Spanish, Korean, Simplified Chinese, Traditional Chinese, Japanese, Danish, Dutch, Finnish, German, Italian, Norwegian, Swedish, Greek, Polish, Russian, Slovenian, Turkish	
	Warranty Languages	Americas	English, Canadian French
		LA	Spanish, Brazilian Portuguese
		EMEA	English, Danish, Dutch, Finnish, European French, German, Italian, Norwegian, Castilian Spanish, Swedish
		Asia/Pacific	English, Bahasa, S. Chinese, T. Chinese, Korean, Japanese, Chinese
	Color	Carbonite/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), TUV and GS Mark (German ergonomic), BSMI (Taiwan), CCC (China), MIC (South Korea), NOM (Mexico), Eastern European approvals, CE Marking, FCC approval, TCO '03 (emissions, ergonomics, environment), Microsoft® Windows® certified (Microsoft® Windows® 2000, Microsoft Windows XP, and Windows Vista®), UL listed, GOST (Russia), SASO (Saudi Arabia), EN55022 Class B, IEC 60950-1, EN55024 Class B		
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.		

[2] 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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