

Technical Specifications

HP N246v 23.8-inch Monitor



- 1. Power connector
- 2. Power button
- 3. OK
- 4. Plus("+")
- 5. Minus("-")
- 6. Menu

- 7. HDMI
- 8. DVI
- 9. Security lock slot
- 10. VGA

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Models: 1RM28A / 3N559A

Panel	Type	23.8-inch, IPS
	Viewable Image Area (diagonal)	60,45 cm (23.8-inches) widescreen; diagonally measured
	Panel Active Area (W × H)	52,70 x 29,65 cm (20.74 x 11.67 in)
	Resolution	1920 x 1080 @ 60 Hz
	Aspect Ratio	16:9
	Viewing Angle	Up to 178° horizontal / 178° vertical typical
	Brightness*	250 cd/m ²
	Contrast Ratio*	700:1 Static (minimum); 1000:1 Static (Typical); 10,000,000:1 Dynamic (DCR)
	Response Times*	5ms (with overdrive)
	Pixel Pitch	.275 x .275 mm
	Pixels Per Inch (PPI)	93
	Pixel Clock	170 MHz
	Backlight Lamp Life (to half brightness)	30,000 hours minimum
	Panel Bit Depth	8 bit
	Color Gamut (Typical)	72% (NTSC)
	Default Color Temperature	6500K

* All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

User Controls	Buttons or Switches	Menu, Minus ("-"), Plus ("+") /Input Control, Power
	User-Assignable Function Buttons	Yes, 3 (6 options)
	On Screen Display (OSD) User Controls	Brightness, Contrast, Color Control, Input Control, Image Control, Power Control, Menu Control, Management, Language, Information, Exit
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
Signal Interface/ Performance	Horizontal Frequency	30-80 kHz
	Vertical Frequency	50-60 Hz
	Native Resolution	1920 x 1080 @ 60 Hz
	Preset Graphic Modes (non-interlaced)	640 x 480 @ 60Hz
		720 x 400 @ 70Hz
800 x 600 @ 60Hz		
1024 x 768 @ 60Hz		

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1280 x 720 @ 60Hz
 1280 x 800 @ 60Hz
 1280 x 1024 @ 60Hz
 1440 x 900 @ 60 Hz
 1600 x 900 @ 60Hz
 1680 x 1050 @ 60 Hz
 1920 x 1080 @ 60Hz

	Anti-Glare	Yes	
Video/Other Inputs:	Plug and Play	Yes	
	Input Connectors	(1) VGA, (1) DVI (1) HDMI (HDCP support)	
	USB	N/A	
	Video Cables Included	(1) VGA cable 1,5 m (4.9 ft)	
Multimedia	Speakers	N/A	
Power	Power Supply	Internal	
	Input Power	100 - 240 VAC 50/60 Hz	
	Maximum Power	25 W	
	Typical Power	22 W	
	Sleep Power	0.5 W	
	Power Cable Length	1,9 m (6.23 ft)	
Mechanical	Dimensions (W × D × H)	Unpacked with stand	54.66 x 20.99 x 40.51 cm (21.52 x 8.26 x 15.95 in)
		Unpacked without stand (head only)	54.66 x 4.47x 32.10 cm (21.52 x 1.76 x 12.64 in)
		Packaged	60.7 x 12.5x 40.5 cm (23.90 x 4.92 x 15.94 in)
	Weight	Head Only	3,30 kg (7.28 lb)
		Unpacked with stand	3,65 kg (8.05 lb)
		Packaged	4,75 kg (10.47 lb)
	Ergonomic Features Not available on head only model	Detachable Stand	Yes, ships detached
Height Adjustment		N/A	
Tilt Range		-5° to + 20° vertical	
Swivel		N/A	
	Pivot	N/A	
Environmental	Temperature - Operating	5° to 35° C (41° to 95° F)	
	Temperature - Non-operating	-20° to 60° C (-4° to 140° F)	
	Humidity - Operating	20% to 80% non-condensing	
	Humidity - Non-operating	5% to 95%	

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	Altitude - Operating	0 to 5000 m (0 to 16,400 ft)
	Altitude - Non-operating	0 to 12,192 m (0 to 40,000 ft)
	White LED Backlights	Yes
	CCFL Panel	No
	Arsenic-Free Display Glass	Yes
	Low Halogen¹	N/A
	Mercury-Free Display Backlighting	Yes
Options	HP LCD Monitor Quick Release — Part number EM870AA ²	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 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.
What's in the box?	Monitor and Accessories	HP N246v 23.8-inch Monitor AC power cord 1,9 m (6.23 ft) VGA cable 1,5 m (4.9 ft)
	Software	N/A
Other	User Guide Languages	English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish
	Warranty Languages	English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish
	Color	Black
	VESA Mounting	100 mm VESA mount
	Security Lock-Ready	Yes
	Country of Origin	China
Certification and Compliance	CB/TUV low blue light/CCC/CEL/CECP/SEPA/WEEE	
Compatibility	Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.	
Service and Warranty	Protected by HP, including a 3 year standard limited warranty (may vary by region). Optional HP Care Pack Services are extended service contracts that extend your protection beyond the standard warranties. ³	

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1. External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
2. The HP Quick Release has been designed to support a maximum of up to 24 lbs (10.9 kg) for all devices mounted. 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.
3. HP Care Packs are optional. Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts from date of hardware purchase. Restrictions and limitations apply. See www.hp.com/go/cpc for details.

