

### 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

### Technical Specifications

Models: 1RM28A / 3N559A

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

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

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

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

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	<b>Altitude - Operating</b>	<b>0 to 5000 m</b> (0 to 16,400 ft)
	<b>Altitude - Non-operating</b>	<b>0 to 12,192 m</b> (0 to 40,000 ft)
	<b>White LED Backlights</b>	Yes
	<b>CCFL Panel</b>	No
	<b>Arsenic-Free Display Glass</b>	Yes
	<b>Low Halogen<sup>1</sup></b>	N/A
	<b>Mercury-Free Display Backlighting</b>	Yes
<b>Options</b>	<b>HP LCD Monitor Quick Release</b> — Part number EM870AA <sup>2</sup>	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.
	<b>HP Business PC Security Lock Kit</b> — 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.
<b>What's in the box?</b>	<b>Monitor and Accessories</b>	HP N246v 23.8-inch Monitor AC power cord <b>1,9 m</b> (6.23 ft) VGA cable <b>1,5 m</b> (4.9 ft)
	<b>Software</b>	N/A
<b>Other</b>	<b>User Guide Languages</b>	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
	<b>Warranty Languages</b>	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
	<b>Color</b>	Black
	<b>VESA Mounting</b>	100 mm VESA mount
	<b>Security Lock-Ready</b>	Yes
	<b>Country of Origin</b>	China
<b>Certification and Compliance</b>	CB/TUV low blue light/CCC/CEL/CECP/SEPA/WEEE	
<b>Compatibility</b>	EPEAT <sup>®</sup> Silver (select regions) <sup>4</sup> Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.	
<b>Service and Warranty</b>	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. <sup>3</sup>	

### *Technical Specifications*

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 <http://www.hp.com/go/cpc> for details.
4. EPEAT® Silver where HP registers commercial display products. See [www.epeat.net](http://www.epeat.net) for registration status in your country

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