Technical Specifications

HP N240 23.8-inch Monitor
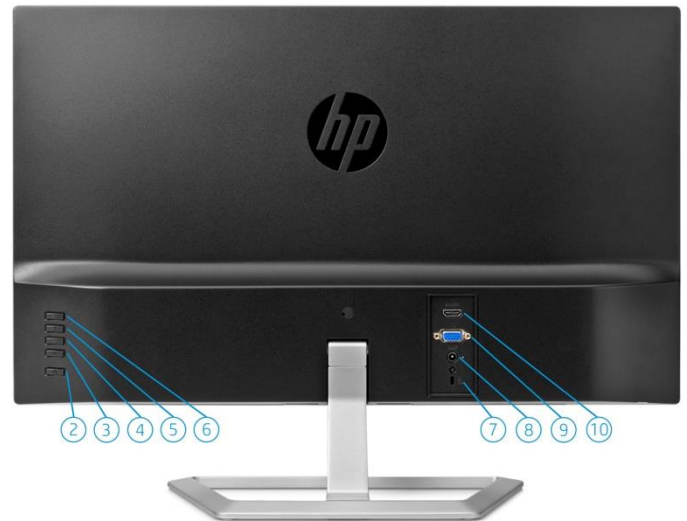
1.	Power indicator LED	**6.**	OSD Menu
2.	Power Button	**7.**	Security lock slot
3.	OK	**8.**	Power In
4.	Minus ("-")	**9.**	VGA
5.	Plus ("+")	**10.**	HDMI

Overview
A modern display with an incredibly thin design, a great complement to forward thinking offices. At a remarkably reachable price point, the HP N240 23.8-inch Monitor is an easy answer to the cutting-edge styles demanded by growing businesses.

Key features
- Specifically designed with a thin and airy frame, the 3-sided micro-edge allows the display to sit unobtrusively on top of a desk, or seamlessly sit next to another display for a near borderless transition between screens.
- A cutting edge design, without razor sharp prices. The HP N240 23.8-inch Monitor was designed with focus to work alongside distinctive businesses who are set apart from the ordinary.
- Wide viewing angles allow for greater position flexibility on your desktop, more accurate around-the-desk review of projects, no matter where you sit.
- Rest assured that your IT investment is supported by a three-year standard limited warranty. To extend your protection, select optional HP Care Pack Services.[1]
- Comfortably view content day or night with the display's integrated low blue light function. TÜV Rheinland certified, the HP N240 23.8-inch Monitor lets you easily toggle the blue light option on or off at your convenience to help filter blue light emissions for optimal viewing.
- Save your energy for great work by reducing power consumption with an intelligent, energy-efficient display that is ENERGY STAR® 7.0 certified, EPEAT® Silver registered[2], and has mercury-free display backlights and arsenic-free display glass.

[1] Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

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2   *EPEAT® registered where applicable. EPEAT registration varies by country. See* http://www.epeat.net *for registration status in your country.*

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Models: Y6P10A/3ML21A

Panel		
	Type	23.8-inch, IPS
	Viewable Image Area (diagonal)	**49,4 cm** (19.45-inch) widescreen; diagonally measured
	Panel Active Area (W × H)	**52,70 x 29,64 cm** (20.75 x 11.67 in)
	Resolution	1920 x 1080 @ 60 Hz* *The video card of the connected PC must be capable of supporting 1920 x 1080 at 60 Hz.
	Aspect Ratio	16:9
	Viewing Angle	Up to 178° horizontal / 178° vertical typical
	Brightness*	250 cd/m²
	Contrast Ratio* (Typical)	1000:1 Static; 5,000,000:1 Dynamic (DCR)
	Response Times*	5 ms typical gray to gray
	Pixel Pitch	.2745 x .2745 mm
	Pixels Per Inch (PPI)	92.55
	Pixel Clock	170 MHz
	Default Color Temperature	6500K
	Backlight Lamp Life (to half brightness)	30,000 hours minimum
	Color Support	Up to 16.7 million colors
	Color Gamut (Typical)	72% sRGB

* 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 ("+"), OK, Power
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
	On Screen Display (OSD) User Controls	Brightness, Contrast, Color Control, Input Control, Image Control, Power Control, Menu Control, Management, Language, Information
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 @ 70 Hz 800 x 600 @ 60 Hz 1024 x 768 @ 60 Hz

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		1280 x 720 @ 60 Hz 1280 x 1024 @ 60 Hz 1440 x 900 @ 60 Hz 1600 x 900 @ 60 Hz 1920 x 1080 @ 60 Hz	
	Anti-Glare	Yes	
Video/Other Inputs	**Plug and Play**	Yes	
	Input Connectors	(1) VGA, (1) HDMI (with HDCP)	
	USB	N/A	
	Video Cables Included	(1) VGA cable **1,5 m** (4.9 ft)	
Multimedia	**Speakers**	N/A	
Power	**Power Supply**	External	
	Input Power	100 - 240 VAC 50/60 Hz	
	Maximum Power	20 W	
	Typical Power	18 W	
	Sleep Power	0.5 W	
	Power Cable Length	**1,9 m** (6.23 ft)	
Energy Star Data	**Operational Mode at 100 VAC**	54.15 KwH/year	
	Operational Mode at 115 VAC	54.15 KwH/year	
	Operational Mode at 230 VAC	54.15 KwH/year	
EU Energy Efficiency Class (EC1062)	**On-mode Power Consumption (EC 1062/2010)**	18 W	
	Annual Power Consumption (EC 1062/2010)	27 kwH	
	Energy Efficiency Class (EC 1062/2010)	A+	
	Visible Screen Size (Diagonal)	60,5 cm (23.8-inches)	
Mechanical	**Dimensions** (W × D × H)	**Unpacked with stand**	**53,9 x 15,2 x 40,2 cm** (21.22 x 5.98 x 15.83 in)
		Unpacked without stand (head only)	**53,9 x 3,6 x 32,3 cm** (21.22 x 1.42 x 12.72 in)
		Packaged	**62,0 x 12,4 x 42,0 cm** (24.41 x 4.88 x 16.54 in)
	Weight	**Head Only**	**2,93 kg** (6.45 lb)
		Unpacked with stand	**3,4 kg** (7.48 lb)

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		Packaged	**5 kg** (11 lb)
Ergonomic Features Not available on head only model	**Detachable Stand**	Yes, ships detached	
	Height Adjustment	N/A	
	Tilt Range	-5° to + 22° vertical	
	Swivel	N/A	
	Pivot	N/A	
Environmental	**Temperature - Operating**	**5° to 35° C** (41° to 95° F)	
	Temperature - Non-operating	**–34° to 60° C** (-29° to 140° F)	
	Humidity - Operating	20% to 80% non-condensing	
	Humidity - Non-operating	5% to 95%	
	Altitude - Operating	**0 to 5,000 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 Halogen	Yes	
	Mercury-Free Display Backlighting	Yes	

Environmental Data	**Eco-Label Certifications & 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:

- China Energy Label: Grade 1
- US ENERGY STAR® 7.0
- TCO Certified
- EPEAT® <Silver> registered in the United States. *EPEAT registration varies by country.* See http://www.epeat.net for registration status in your country

Options	**HP Adjustable Dual Display Stand—**Part Number AW664AA	Premium space-saving dual screen solution provides access to more monitor real estate and makes it possible to manage multiple applications simultaneously. Weight adjustable for dual monitors from 17-24". Rotate displays into portrait/landscape positions.
	HP USB Graphics Adapter—Part number NL571AA	Enables connection of up to six simultaneous displays to help you boost productivity and multi-task across several open applications. Use one adapter to bridge between a notebook or desktop PC and second monitor or use multiple adapters to connect several displays to each other.

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	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 N240 23.8-inch Monitor, AC power cord **1,9 m** (6.23 ft), VGA cable **1,5 m** (4.9 ft)
	Documentation	CD (includes user guide, warranty, drivers)
	Software	HP Display Assistant
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	N/A
	Security Lock-Ready	Yes
	Country of Origin	China
Certification and Compliance		CEL Grade 1, Microsoft WHQL Certification (Windows 10, Windows 8.1, and Windows 7), ENERGY STAR® 7.0 Qualified, EPEAT® Silver², CE,CB,KCC/ICE/TUV-S/ISO 9241-307/ EAC/cTUVus/CCC/CEL/CECP/SEPA/TCO/Energy Star/VCCI/FCC/BSMI/Vietnam MEPS/Australian-New Zealand MEPS/WEEE
Compatibility		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

QuickSpecs

Change Log

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V1	Quickspecs launched
V1 to V2	Models Updated