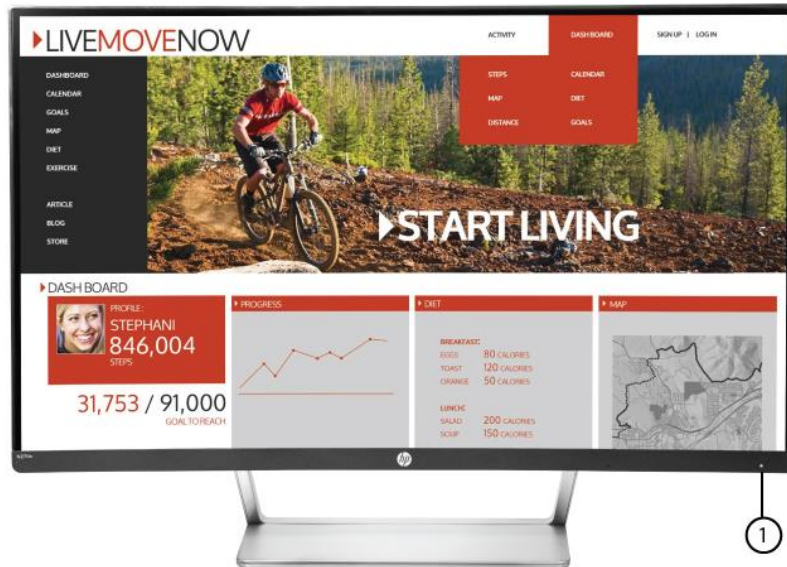# QuickSpecs

Overview

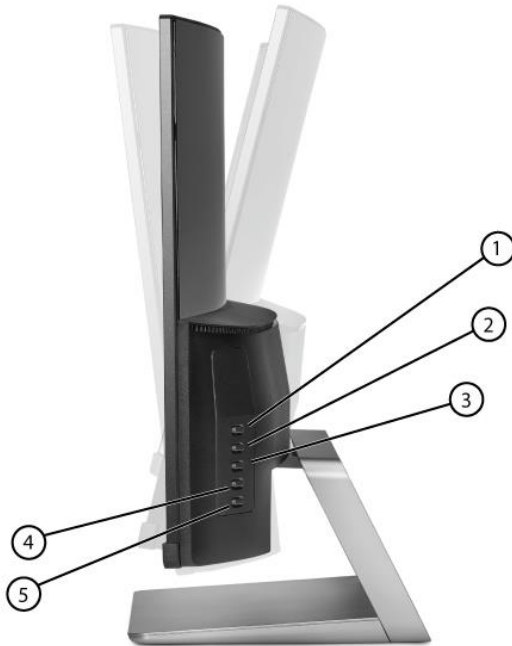## HP N270c 27-inch Curved Monitor

1. Power indicator

1. Menu/OK button
2. Plus ("+")/Up/Next Input Port button
3. Minus ("-")/Down/Viewing Modes button
4. Exit/Back/Information button
5. Power button
6. Power connector

7. DisplayPort™ 1.2 input
8. HDMI 1.4 input
9. VGA Port
10. Audio-out (headphone) jack
11. Security lock slot

Overview

1. Menu/OK button
2. Plus ("+")/Up/Next Input Port button
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Technical Specifications

Models: YGJ31AA, Y6J31A8

Panel		
	Type	27-inch VA Curved
	Viewable Image Area (diagonal)	**68,58 cm** (27 in) widescreen; diagonally measured
	Panel Active Area (W × H)	**59,78 x 33,63 cm** (23.54 × 13.24 in) at a 1800r* curvature *radius of the arc of the panel curvature in mm
	Resolution	1920 x 1080 @ 60 Hz
	Aspect Ratio	16:9
	Viewing Angle*	Up to 178° horizontal/178° vertical typical
	Brightness*	300 cd/m²
	Contrast Ratio* (Typical)	3000:1 Static; 10,000,000:1 Dynamic (DCR)
	Response Times*	5 ms Gray to Gray with Overdrive**
	Pixel Pitch*	0.3114 mm
	Pixels Per Inch (PPI)*	82 DPI
	Backlight Lamp Life* (to half brightness)	30,000 hours minimum
	Color Production*	Can display up to 16.7 million colors with the use of FRC technology
	Color Gamut* (Typical)	sRGB 99% or above

* Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
**Product default is 21ms response time and can be adjusted to as low as 5ms in the display menu. See user guide for more information. 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, Plus ("+")/Next Active Input, Minus ("-")/Viewing Modes, Back/Information, 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, EXIT

Signal Interface/ Performance		
	Horizontal Frequency	30–86 kHz
	Vertical Frequency	50-76 Hz
	Native Resolution	1920 x 1080 @ 60 Hz
	Preset Graphic Modes (non-interlaced)	640 x 480 @ 60Hz 720 x 400 @ 60 Hz 800 x 600 @ 60 Hz 1024 x 768 @ 60 Hz 1280 x 720 @ 60 Hz 1280 x 800 @ 60 Hz 1280 x 1024 @ 60 Hz 1440 x 900 @ 60 Hz

Technical Specifications

		1600 x 900 @ 60 Hz 1680 x 1050 @ 60 Hz 1920 x 1080 @ 60 Hz	
	Maximum Pixel Clock Speed	180 MHz	
	Anti-Glare	No	
	Low Haze	Yes	
Video/Other Inputs	**Plug and Play**	Yes	
	Input Connectors	(1) VGA	
		(1) HDMI 1.4	
		(1) DisplayPort™ 1.2	
		HDCP support on HDMI and DisplayPort™ inputs	
	Video Cables Included	(1) VGA **1,8 m** (5.9 ft)	
Power	**Power Supply**	External	
	Input Power	100 - 240 VAC 50/60 Hz	
	Maximum Power	41.5 W	
	Typical Power	33.5 W	
	Sleep Power	0.5 W	
	Power Cable Length	**1,8 m** (5.9 ft)	
Mechanical	**Dimensions** (W × D × H)	**Unpacked w/stand** (lowest setting)	**61,33 x 16,89 x 43,85 cm** (24.15 x 6.65 x 17.26 in)
		Unpacked w/o stand (head only)	**61,33 x 6,99 x 36,37 cm** (24.15 x 2.75 x 14.32 in)
		Packaged	**73,2 x 22,5 x 52,6 cm** (28.82 x 8.86 x 20.71 in)
	Weight	**Head Only**	**4.2 kg** (9.24 lb)
		Unpacked	**5,5 kg** (12.1 lb)
		Packaged	**8,9 kg** (19.6 lb)
Ergonomic Features	**Detachable Stand**	Yes, ships detached	
	Tilt Range	-5° to + 12.5° vertical	
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%, 38.7° C max wet-bulb	
	Altitude - Operating	**0 to 5,000 m** (0 to 16,404 ft)	
	Altitude – Non-operating	**0 to 12,192 m** (0 to 40,000 ft)	
	White LED Backlights	Yes	
	CCFL Panel	No	

Technical Specifications

	Arsenic-Free Display Glass	Yes
	Low Halogen[1]	Yes (except cables)
	Mercury-Free Display Backlighting	Yes
Options (each sold separately)	**HP Single Monitor Arm** — Part number BT861AA	The flexible design of the HP Single Monitor Arm provides a seemingly endless range of display adjustments with an amazing 13 inches of lift, 75 degrees of tilt, and 360 degrees of pan and rotation – all at your fingertips -- helping you stay comfortable and productive throughout the day.
	HP Business PC Security Lock V2 Kit — Part number N3R93AA	Help prevent chassis tampering and secure your PC and display in workspaces and public areas. Simply route the cable through the PC's lock slot and your display, anchor to a desk, table, or other fixed surface, and lock with your individual key. A master key configuration is also available upon request.
What's in the box?	**Monitor and Accessories**	HP N270c 27-in Curved Monitor, AC power cord (1,8 m) 5.9 ft, External Power Supply , VGA cable (1.8m) 5.9 ft, VESA wall/arm mount adapter
	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 (Bezel) and Silver (Stand)
	VESA Mounting	External Mount Bracket (included), 4-hole pattern, 100 mm x 100 mm
	Security Lock-Ready	Yes
	Country of Origin	China
Certification and Compliance		CEL Grade 2, Microsoft WHQL Certification (Windows 10, Windows 8.1 and Windows 7), CE, CB, MSIP, ICES, CCC, EPA, ISC, VCCI, FCC, Taiwan: BSMI, ISO9241-307, Mexico CoC, cTUVus, EAC, RCM, Ukraine, Morocco, WEEE, KCC.
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. Optional HP Care Pack Services are extended service contracts that extend your protection beyond the standard warranties.[2]

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. 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: http://www.hp.com/go/cpc.

Change Log

Date of change:	Version History:		Description of change:
	From v1 to v2		