

Specifications

Model Name	PN-86HC1	PN-75HC1	PN-70HC1E
Installation	Landscape		
LCD Panel	86-inch-class (85 ⁹ / ₁₆ -inch [217.4 cm] diagonal) LCD 75-inch-class (74 ¹ / ₂ -inch [189.3 cm] diagonal) LCD 70-inch-class (69 ¹ / ₂ -inch [176.6 cm] diagonal) LCD		
	Max. Resolution 3,840 × 2,160 pixels		
	Max. Display Colours (approx.) 1.07 billion colours		
	Pixel Pitch (H × V) 0.4935 × 0.4935 mm		0.4296 × 0.4296 mm
	Max. Brightness (average)* ¹ 400 cd/m ²		
	Contrast Ratio 1,200 : 1		
	Viewing Angle (H/V)* ² 178°/178° (CR ≥ 10)		
	Active Screen Area (W × H) (approx.) 1,895.0 × 1,066.0 mm (74 ⁵ / ₈ " × 41 ¹⁵ / ₁₆ "		1,649.7 × 927.9 mm (64 ¹⁵ / ₁₆ " × 36 ⁹ / ₁₆ "
	Response Time 8 ms (grey to grey, avg.)		
	Backlight LED, direct lit		
Touchscreen	Touch Technology IR (infrared blocking detection method)		
	PC Connection Port USB (2.0 compliant) (Type B) × 2 (Front × 1, Rear × 1)		
	Power Supply for Touch Panel Supplied from main unit		
	Multi Touch 20 points		10 points
	Protection Glass Thickness: Approx. 4.0 mm Shock resistance: 130 cm* ³		
Touch Pen	Function Button N/A (passive pen)		
Computer Input	Video Analogue RGB (0.7 Vp-p) [75Ω], HDMI		
	Synchronisation Horizontal/vertical separation (TTL: positive/negative)		
	Plug & Play VESA DDC2B		
Video Colour System	NTSC (3.58 MHz)/NTSC (4.43 MHz)/PAL/PAL60 /SECAM		
Input Terminals* ⁴	Front HDMI (HDCP2.2 compatible, HDR10 supported) × 1		HDMI (HDCP2.2 compatible, HDR10 supported) × 1, 3.5 mm-diameter mini stereo jack × 1
	Rear PC analogue: Mini D-sub 15-pin × 1, HDMI (HDCP2.2 compatible, HDR10 supported) × 2, 3.5 mm-diameter mini stereo jack × 1, AV mini jack × 1, Component mini jack × 1, RS-232C × 1		PC analogue: Mini D-sub 15-pin × 2, HDMI (HDCP2.2 compatible, HDR10 supported) × 2, 3.5 mm-diameter mini stereo jack × 2, AV RCA × 1* ⁵ , Component RCA × 1* ⁵ , Audio RCA × 1, RS-232C × 1
Output Terminals* ⁴	3.5 mm-diameter mini stereo jack × 1, SPDIF × 1		PC analogue: Mini D-sub 15-pin × 1, 3.5 mm-diameter mini stereo jack × 1, SPDIF × 1
System	CPU Arm® Cortex®-A53 processor (quad core)		
	Memory 1 GB		1.5 GB
	Internal Storage 8 GB		
	External Interface		
	Front	USB port (2.0-compliant, main unit & OPS) × 1	
	Rear	LAN port (10BASE-T/100BASE-TX) × 1, USB port (2.0-compliant, main unit) × 2	
	Wireless LAN Compliant with IEEE802.11ac/n/a/g/b		
Expansion Slot	19 V, 4.74 A (power supplied when expanding the functions with an optional part)		
Speaker Output	10 W + 10 W		
Mounting	4 points, 700 × 400 mm pitch, M8 screw	4 points, 600 × 400 mm pitch, M8 screw	4 points, 600 × 400 mm pitch, M6 screw
Power Supply* ⁶	100 V – 240 V AC, 50/60 Hz		
Power Consumption* ⁷	530 W	460 W	400 W
Environmental Conditions	Operating Temperature* ⁸ 5° C to 35° C		
	Operating Humidity* ⁹ 20% to 80% RH (no condensation)		
Dimensions (W × D × H) (approx.) (display only)	1,988 × 113 × 1,175 mm (78 ¹ / ₄ " × 4 ⁷ / ₁₆ " × 46 ¹ / ₄ "	1,735 × 105 × 1,036 mm (68 ² / ₁₆ " × 4 ¹ / ₈ " × 40 ¹³ / ₁₆ "	1,629 × 100 × 990 mm (64 ¹ / ₈ " × 3 ¹⁵ / ₁₆ " × 39")
Weight (approx.)	80 kg (176.4 lbs)	61 kg (134.5 lbs)	54 kg (119 lbs)
Main Accessories	AC power cord, remote control unit, remote control unit battery (AAA size) × 2, set-up manual, blank sticker, cable clamp × 3, USB cable, pen tray, SHARP Pen software (CD-ROM), touch pen × 2, wireless adapter		

*¹ Brightness depends on input mode and other picture settings. Brightness level will decrease slightly over the lifetime of the product. Due to the physical limitations of the equipment, it is not possible to maintain a precisely constant level of brightness. *² Excluding the touch sensor part around the LCD panel. *³ Approximate distance at which the glass panel can withstand the impact of a 500-gram iron ball dropped on its centre. *⁴ Use a commercially available connection cable for PC and other video connections. *⁵ Composite video and component cannot be used simultaneously. *⁶ The AC power cord is an inlet type. The cable is bundled (3 pins). *⁷ When an option is installed on the expansion slot. When not installed: PN-86HC1: 420 W, PN-75HC1: 360 W, PN-70HC1E: 295 W *⁸ Temperature conditions may change when using the monitor together with the optional equipment. In such cases, please check the temperature conditions specified by the optional equipment. *⁹ Check the requirements of the computer and other devices to be connected, and make sure that all requirements are satisfied.

SHARP