

SHARP

PN-R703
PN-R603
LCD MONITOR

PN-R703/R603 - Slimline 70/60 -inch LCD Monitors



Amplly sized and attractively designed, Sharp's PN-R703/R603 professional LCD monitors have the thin profile, high brightness and low power consumption to accommodate a wide range of indoor digital signage applications. Exceptionally thin and lightweight, these streamlined monitors measure only 39.4 mm at their thickest point, making for easy, eye-pleasing installation. With 700 cd/m² brightness and edge-lit LED backlighting, PN-R703/R603 monitors can be counted on for reliable, energy-efficient operation.

Thin, Lightweight Design

PN-R703/R603 monitors owe their exceptionally thin profiles to edge-lit LED backlighting, where LED elements are located at the edges of the panel. Streamlined for a pleasing appearance and minimal protruding parts, these monitors measure only **39.4 mm** at their thickest point and weigh only **43/32 kg**, making for easy placement in offices, public spaces, stores, and other commercial establishments. Stylishly thin profiles also enable attractive wall mounting in a choice of portrait or landscape mode.

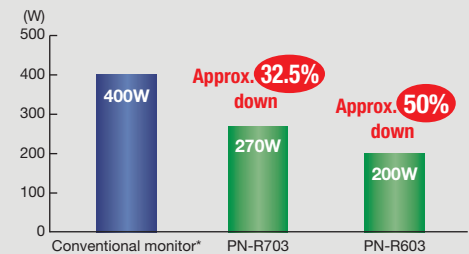
Thickness Comparison



Energy Efficient

Edge-lit LED backlighting on PN-R703/R603 monitors helps ensure reliable performance with low power consumption. In fact, PN-R703/R603 monitors consume roughly 32.5/50% less energy than conventional CCFL-backlight displays.* And the PN-R603 conforms to the ENERGY STAR® programme, an international system for identifying energy-efficient products.

Power Consumption Comparison



* PN-E601

Professional-Standard Image Quality

The PN-R703/R603's 70/60-inch LCD panel incorporates Sharp's **UV²A** technology, which ensures highly efficient use of light from the backlight and prevents light leakage for the display of truly bright whites and extremely deep blacks. A brightness of 700 cd/m² supports these LCD monitors in their digital signage duties.

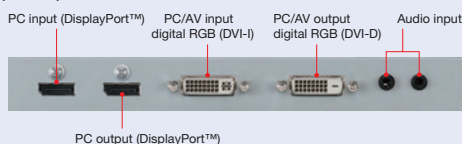
Specifications

Model Name	PN-R703	PN-R603
Installation	Landscape / Portrait	
LCD Panel	70-inch widescreen (176.6 cm diagonal) UV²A LCD	60-inch widescreen (152.5 cm diagonal) UV²A LCD
Max. Resolution	1,920 x 1,080 pixels	
Max. Display Colours (approx.)	1.06 billion colours	
Pixel Pitch (H x V)	0.802 x 0.802 mm	0.692 x 0.692 mm
Brightness*1	700 cd/m²	
Contrast Ratio	4,000 : 1	
Viewing Angle (H/V)	176°/176° (CR ≥ 10)	
Active Screen Area (W x H)	1,538.9 x 865.6 mm	1,329.1 x 747.6 mm
Response Time	6 ms (grey to grey, avg.)	
Backlight	LED, edge lit	
Computer Input	Video: Analogue RGB (0.7 Vp-p) [75Ω], Digital (conforms to DVI 1.0 standards), DisplayPort 1.1 Synchronisation: Horizontal/vertical separation (TTL: positive/negative), Sync on green, Composite sync (TTL: positive/negative) Plug & Play: VESA DDC2B Power Management: VESA DPMS, DVI DMPM	
Video Colour System	NTSC (3.58 MHz, 4.43 MHz), PAL, PAL60, SECAM	
Input Terminals*2	DisplayPort™ x 1, DVI-I x 1, Mini D-sub 15-pin x 1, HDMI™ x 2 (HDCP compatible), RS-232C x 1, 3.5 mm-diameter mini stereo jack x 2	
Output Terminals	DisplayPort™ x 1 (supports video signals only), DVI-D x 1 (HDCP compatible), RS-232C x 1, 3.5 mm-diameter mini stereo jack x 1	
Input/Output Terminals	LAN x 1	
Built-in Speakers	10 W + 10 W	
Mounting	VESA (6 points), 200 x 200 mm pitch VESA (4 points), 200 x 200 mm pitch	
Power Supply	100V – 240V AC, 50/60 Hz	
Power Consumption	270 W	200 W
Environmental Conditions	Operating Temperature: 0°C to 40°C Operating Humidity: 20% to 80% RH (no condensation)	
Dimensions (W x D x H) (approx.) (display only)	1,578 x 39.4 x 916 mm	1,378 x 39.4 x 794 mm
Weight (approx.)	43 kg	32 kg

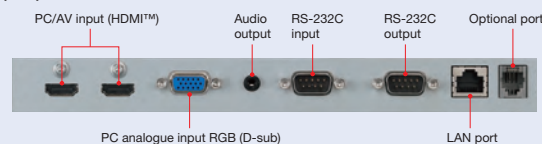
*1 Brightness depends on input mode and other picture settings. Brightness level will decrease slightly over the lifetime of the product. Due to the physical limitations of the equipment, it is not possible to maintain a precisely constant level of brightness. *2 Use a commercially available connection cable for PC and other video connections.

Input/Output Terminals

(bottom)

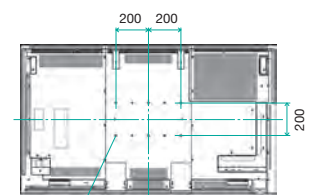
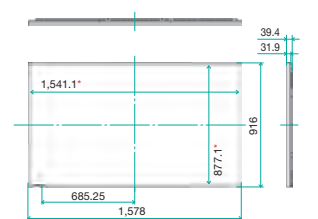


(side)



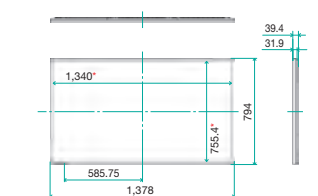
Dimensions

PN-R703



VESA holes*

PN-R603



VESA holes*

Units: mm
 * Screen dimensions
 * To use the VESA-standard mounting bracket, use M6 screws that are 8 to 10 mm plus the thickness of the bracket.

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SHARP

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HDMI
 HIGH-DEFINITION MULTIMEDIA INTERFACE

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