TMC270 27" Desktop/

Wall-Mountable Touchscreen Monitor
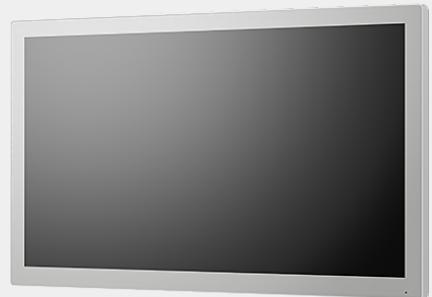
Product Brief

Vantron Technology offers desktop/wall-mountable touchscreen monitors that vary in screen size from 15.6 inches to 27 inches and resolution from 1280 x 1024 to 1920 x 1080. When used with Vantron embedded computers, such touchscreen monitors will offer more flexible solutions for customers to meet the requirements of application in different scenarios, in particular in the medical health area.

TMC270 touchscreen monitor applies a 27-inch screen and features quick response time, large visible area and viewing angle to optimize the display performance. The screen is designed to be anti-fingerprint, and users have the option to equip the touchscreen with anti-glare and anti-reflection coatings that offer excellent visual experience and improve human-machine interaction accuracy. Moreover, TMC270 is designed with VESA hole patterns to simplify mounting onto a variety of stands, arms, walls or medical carts. The OSD controls allow users to change settings of the display in a more convenient manner to enhance user experience.

Exterior and Features

VESA
100mm x 100mm Power in

Touch USB
DP
HDMI
VGA
Line in

OSD controls
(see below)

Power Back Menu Up Down
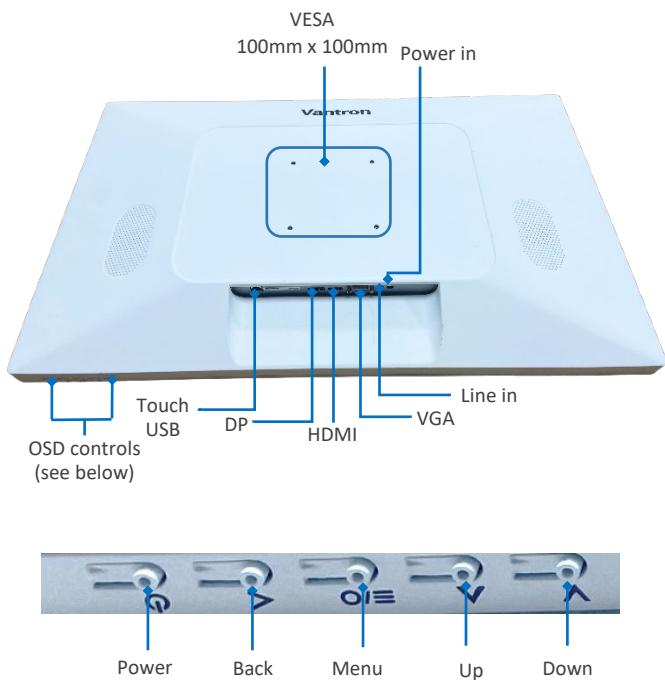
TMC270
27" TFT LCD, 10-point PCAP touchscreen
Sleek appearance
AR/AG touch screen available
Flexible installation
Excellent longevity (50,000H MTBF)
Vanity free, easy integration

27" Desktop/Wall-Mountable Touchscreen Monitor Datasheet

TMC270		
Display	Diagonal size	27" TFT LCD with LED backlight
	Aspect ratio	16:9
	Resolution	1920 x 1080
	Brightness (Typical)	300 nits
	Active area	597.6mm × 336.15mm
	Contrast ratio	3000:1
	Number of colors	16.7M
	Response time	12ms
	Viewing angle	Horizontal: 178°
		Vertical: 178°
Touch panel	Touch point	10-point PCAP touchscreen
	Touch control	Finger, stylus pen
	Cover lens thickness	3mm
	Surface treatment	Anti-fingerprint, tempered glass (Optional: Anti-glare / Anti-reflection)
	Light transmittance ratio	>85%
	Touch communication interface	USB 2.0
Video	Video input	1 x VGA 1 x DP 1 x HDMI
Audio	Audio interface	1 x Line in (Optional)
Mechanical	Dimensions	667mm x 406mm x 54.3mm
	Weight	9.5kg
	Installation	VESA mount (100mm x 100mm)
	OSD	Built-in OSD (set up with OSD keys) Controls: Menu, Up, Down, Back, Power
Software	Power input	12V DC
	Power consumption	<28W
	Language	Chinese and English
	Adjustment of brightness, contrast ratio and color temperature	Supported
Environmental Condition	Temperature	Operating: 0℃~+40℃ Storage: -20℃~+60℃
	Humidity	10%~90% RH (non-condensing)
	MTBF	50,000 hours
	Warranty	3 years
	ESD	ESD: ±4KV (contact) and ±8KV (air)
	Certification	FCC, CE, UL

Product Outlines
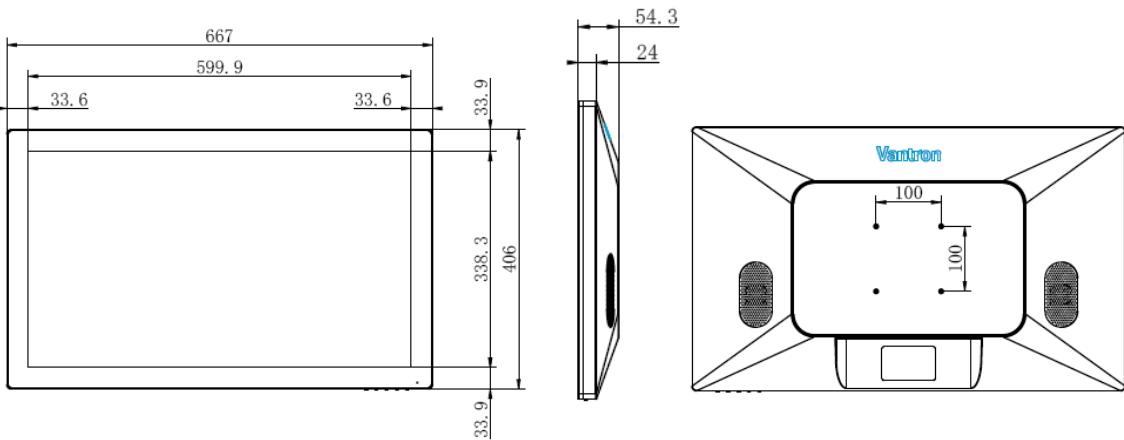
Ordering Information

Ordering No.	AG	AR
TMC270-G	Yes	-
TMC270-R	-	Yes
TMC270	-	-

Optional Accessory	
DP cable	1

Packing List	
TMC270 touchscreen monitor	1
Power adapter	1
Power cable	1
Touch USB cable	1
HDMI cable	1
VGA cable	1

Since its establishment in 2002 by two Silicon Valley entrepreneurs, Vantron Technology has been at the forefront of the connected IoT devices and IoT platform solutions. Today, Vantron boasts a global customer base that includes several Fortune 500 companies. Its product lines cover edge intelligent hardware, IoT communication devices, industrial displays and BlueSphere cloud device management platform.

Vantron's intelligent display systems are comprised of mobile PCs, touchscreen monitors and all-in-one panel PCs that deliver enhanced device performance and exceptional human-machine interactive experiences. The mobile PCs are powered by industry-leading brands such as Rockchip, NXP, MediaTek, and Intel. The touchscreen monitors offer flexible installation options to cater to various application scenarios. The all-in-one panel PCs offer an overall solution that integrates the touchscreen monitor, display, processor, and operating system. Moreover, the displays are built to excel in harsh environments thanks to advanced features like waterproofing, dustproofing, and shatter resistance.