

## TMR320 32-Inch Curved Touchscreen Monitor



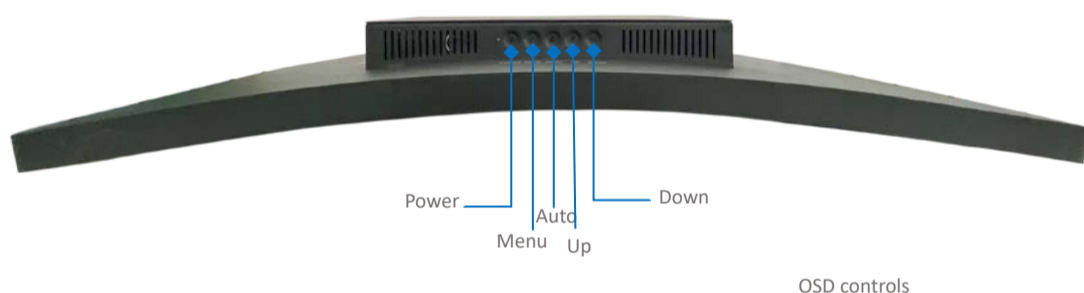
### Product Brief

Vantron offers a variety of open-frame and closed-frame curved touchscreen monitors. Unlike flat touchscreen monitors, curved models provide a stylish aesthetic that enhances the visual appeal of devices. The gentle curvature of these monitors creates a more immersive viewing experience by extending into the viewer's peripheral vision. Additionally, curved touchscreen monitors help reduce glare and reflections from ambient light, improving visibility across different lighting conditions.

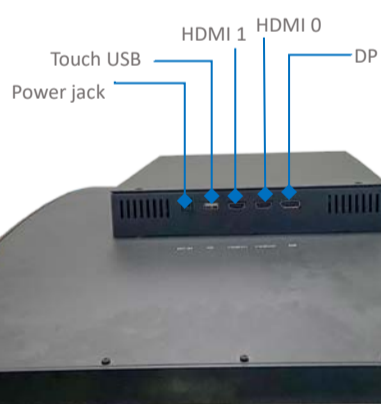
TMR320 is an integrated 32-inch curved touchscreen monitor that delivers optimal visual effects and seamless touch experience. It features a 1500R curvature, a 16:9 aspect ratio, and 300 nits of brightness, with a resolution up to 2560 x 1440 at 60Hz. Its C-shaped design prioritizes user-centered ergonomics, minimizing fatigue during human-machine interaction and providing exceptional viewing experience.

For specific application scenarios, the open-frame design is an excellent choice for achieving a sleek appearance when installed in cabinets. The closed-frame option allows the monitor to float above the cabinet surface through VESA mounting, enhancing the overall appearance. TMR320 is particularly well-suited for applications such as gaming and entertainment, self-service terminals, and digital signage.

### Exterior and Features











OSD controls

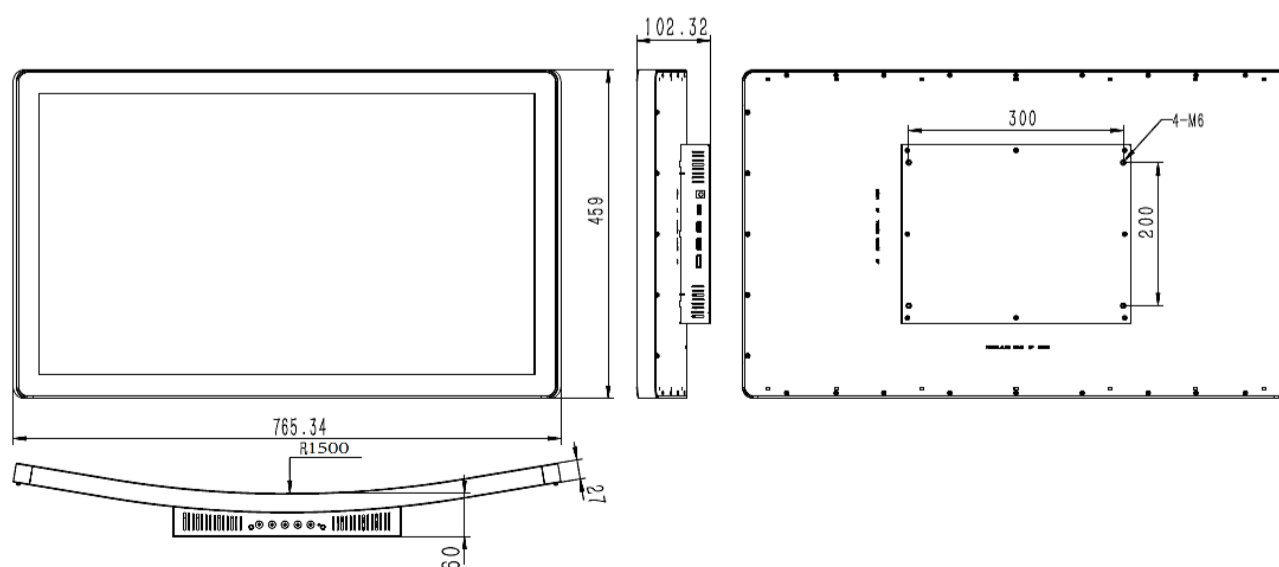


Interfaces

#### TMR320

-  QHD display with expansive visual
-  PCAP technology, gloved touch compatible
-  1500R curvature, 300 nits brightness
-  C-shaped, landscape & portrait modes supported
-  Ergonomics design with improved ease of use
-  VESA mount, allowing for flexible installation
-  Excellent longevity (50,000H MTBF)
-  Three-year warranty

### Product Outlines



## 32-Inch Curved Touchscreen Monitor Datasheet

TMR320			
Display	Diagonal size	32" (LED-backlit LCD monitor)	
	Active area	698.4mm x 392.9mm	
	Aspect ratio	16:9	
	Curvature	1500R	
	Resolution	2560 x 1440 @60Hz	
	Brightness	300 nits	
	Contrast ratio	3000:1	
	Number of colors	16.7M	
	Response time	20ms	
	Viewing angle	89/89/89/89 (U/D/L/R)	
Touch panel	Touch point	10-point PCAP touch screen	
	Touch control	Finger, stylus pen, touch with gloves	
	Cover lens	IK07 rated	
	Surface treatment	Anti-fingerprint, tempered glass (Optional: Anti-glare / Anti-reflection)	Hardness: 6H
	Touch communication interface	USB Type-A	
Video	Video interface	1 x DP	
		2 x HDMI	
Audio	Audio interface	1 x 3.5mm Line in (Optional)	
		2 x Speaker (Optional)	
Mechanical	Dimensions	765.34mm x 459mm x 60mm	
	Gross weight	18kg	
	Installation	VESA mount (300mm x 200mm)	
	Display rotation	OSD lockout / OSD rotation	
Device Control	OSD	Keys: Menu, Up, Down, Auto, Power Options: brightness, contrast, language, color temp., video interface...	
	Indicator	1 x RGB indicator (Red: standby; Green: working)	
Software	Power input	12V 5A DC	
	Power consumption	Typical: 40W	
Environmental Condition	Temperature	Operating: 0°C~+40°C Storage: -20°C~+60°C	
	Humidity	20%~80% RH (non-condensing)	
	MTBF	50,000 hours	
	Warranty	3 years	
	ESD	ESD: ±4KV (contact) and ±8KV (air)	
	Certification	CCC, FCC, CE	

## Ordering Information

Ordering No.	AF	AG	AR
TMR320	Yes	-	-
TMR320-G	Yes	Yes	-
TMR320-GR	Yes	Yes	Yes

Optional accessories	
DP cable	1
Power cord (US)	1

Packing list	
TMR320 curved touchscreen monitor	1
Power adapter	1
Touch USB cable	1
HDMI cable	1
Qualified certificate	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.