

# TOUCAN MAX series

32" ~ 65" Industrial panel PCs for precise visualization and interactive control

**BRESSNER**  
A ONE STOP SYSTEMS COMPANY

## Features

- 32" ~ 65" Panel PCs for impressive visualization
- Powerful 11th generation Intel® Core™ i5 processors
- High-resolution Full HD displays
- Robust and fanless metal housing with IP65-certified front
- Versatile connection options with USB 3.2, HDMI, DisplayPort, COM & LAN



## TOUCAN MAX series – Maximum screen diagonals and maximum performance

Experience impressive computing power with the TOUCAN MAX series, which has been specially developed for use in challenging industrial environments. With a choice of 32-, 43-, 55- or 65-inch touchscreen displays in Full HD (1,920 x 1,080 pixels), this series delivers razor-sharp visualizations and a clear display of complex data. Powered by an 11th generation Intel® Core™ i5 processor and supported by up to 64GB DDR4L memory, even computing-intensive applications are handled effortlessly. An integrated TPM 2.0 module provides additional security and enables seamless Windows 11 installation.

### Robustness and protection for extreme industrial applications

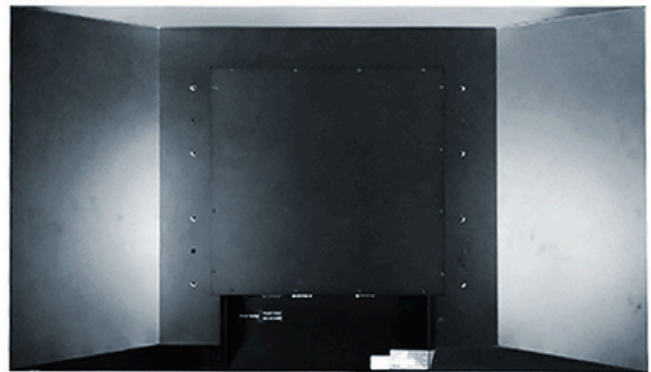
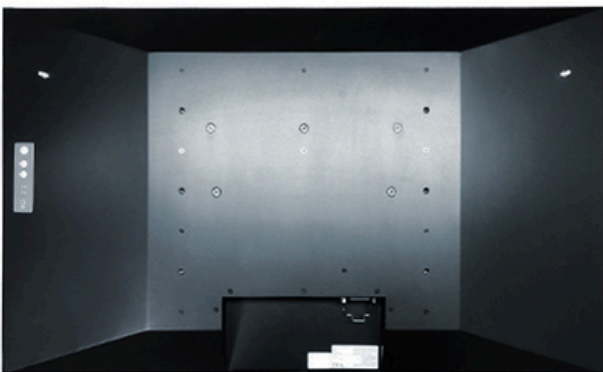
The TOUCAN MAX series not only scores with performance, but also with a robust, fanless metal housing that is ideally equipped to withstand vibrations, shocks and other environmental influences. The IP65-certified screen front provides reliable protection against dust and splash water – perfect for harsh production conditions. As an option, the rear area can also be upgraded to full IP54 protection with a dust protection cap to meet the highest industry standards.

### Comprehensive connectivity and flexible expansion options

Thanks to a wide range of modern interfaces such as USB 3.2, HDMI, DisplayPorts, COM and LAN, the TOUCAN MAX series panel PCs can be easily integrated into existing systems and individually configured. In addition, flexible storage options via an M.2 SSD or 2.5" SSD slot provide sufficient space for extensive data – ideal for smooth operation in production facilities, automated manufacturing systems and retail.

With the TOUCAN MAX series, you get a reliable and future-proof solution that combines maximum screen diagonals with the highest performance and robust protection – the ideal choice for industrial applications where clear visualization and sustainable reliability are top priorities.

## Appearance



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	32"	43"	55"	65"
<b>SYSTEM</b>				
CPU	Intel® Core™ Tigerlake 11th Gen. i5-1145G7E up to 4.1 GHz			
Chipset	Integrated Intel® SoC			
Graphics	Integrated Intel® HD Graphics			
RAM	DDR4L 3200MHz SODIMM up to 64GB, dual-channel			
Storage	1x M.2 SSD or 1x 2.5" SSD			
Watchdog	Programmable 1 ~ 255 sec.			
Operating System	Windows 10 Windows 11 Linux			
BIOS	AMI 256MB Flash			
<b>DISPLAY</b>				
Display Size	32" (81.3cm) LCD (LED Backlight)	43" (109.2cm) LCD (LED Backlight)	55" (139.7cm) LCD (LED Backlight)	65" (165.1cm) LCD (LED Backlight)
Aspect Ratio	16:9			
Resolution	1920 x 1080 @60Hz			
Touchscreen	PCAP multitouch or tempered AR glass			
Brightness	450 nits	400 nits	450 nits	500 nits
Contrast	3000:1 (typ.)	3000:1 (typ.)	5000:1 (typ.)	4000:1 (typ.)
Colors	16.7M	16.7M 8-Bit	1,073.7M 8-Bit	1,073.7M 10-Bit
Viewing Angle	-89° ~ 89° (H); -89° ~ 89° (V)			
Active Area (mm)	698.4 (H) x 392.85 (V)	940.89 (H) x 529.25 (V)	1,209.6 (H) x 680.4 (V)	1,428.48 (H) x 803.52 (V)
Pixel Pitch (mm)	0.3638 (H) x 0.3638 (V)	0.49 (H) x 0.49 (V)	0.63 (H) x 0.63 (V)	0.744 (H) x 0.744 (V)
<b>INTERFACE</b>				
Ethernet	2x RJ-45 (1 + 2.5-Gigabit Ethernet)			
USB	4x USB 3.2 (Gen 2)			
COM	1x RS-232, D-Sub 9-Pin (Optional)			
Video	2x HDMI 2x DisplayPort			
Power	1x AC Power Input			
<b>ENVIRONMENTAL</b>				
Chassis	Metal enclosure			
Cooling	Fanless			
Power Adapter	110 ~ 240V AC input, 150W (typ.)			
Operating Temperature	0° ~ 45°C			
Storage Temperature	-20° ~ 70°C			
Humidity	30 ~ 90%, non-condensing			
Dimensions (W x H x D)	764.5 x 458.8 x 75mm	1,004 x 597 x 92.9mm	1,303 x 774 x 95.8 mm	1,492 x 867 x 158.4 mm
Weight	TBD	TBD	TBD	TBD
Mounting	VESA wallmount			
IP Rating	Front IP65 (optional dust protection cover for rear IP54)			

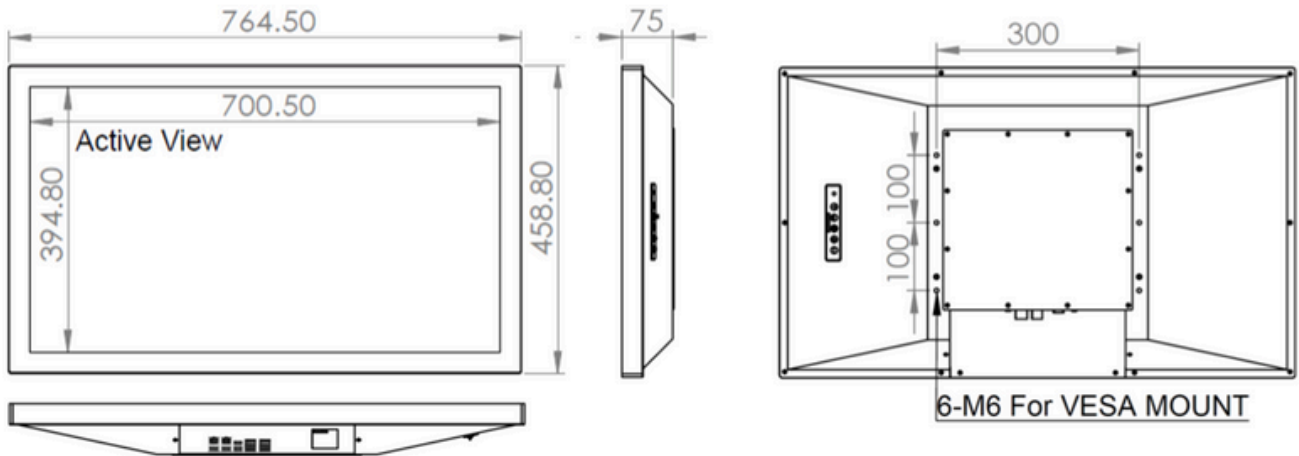
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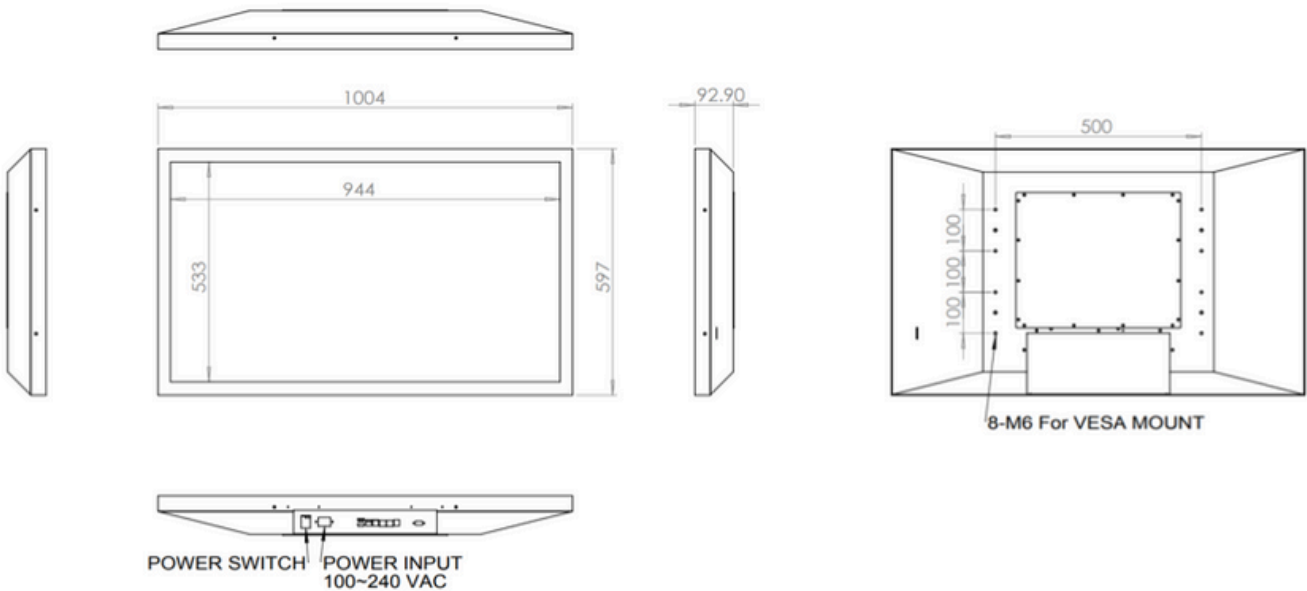
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## Technical drawing (mm) - 32"



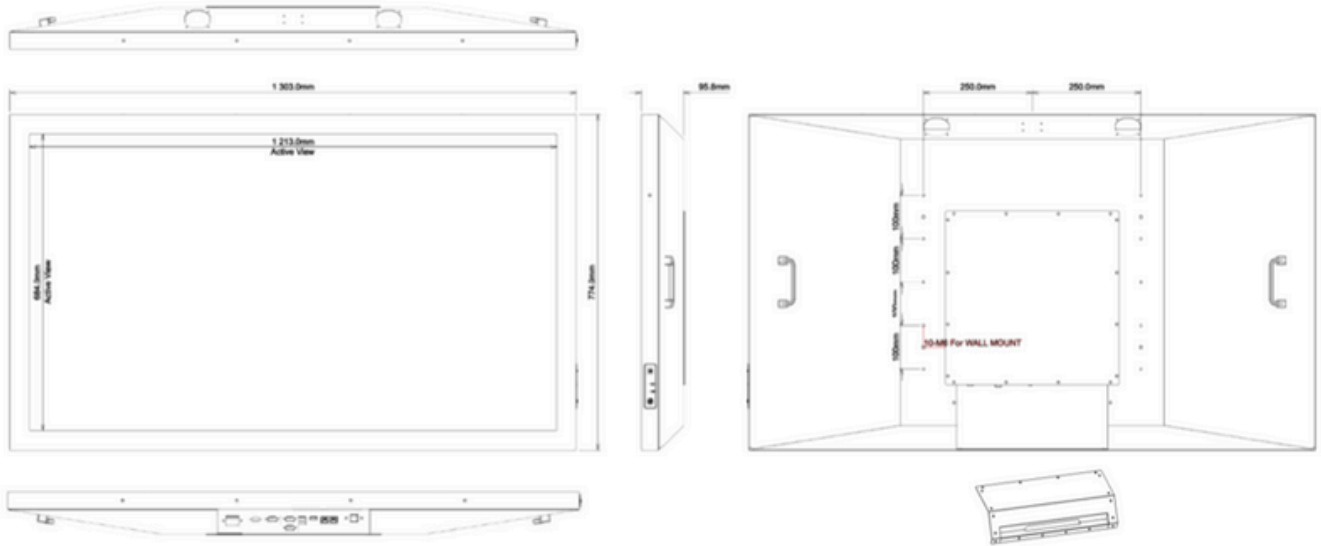
## Technical drawing (mm) - 43"



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## Technical drawing (mm) - 55"



## Technical drawing (mm) - 65"

