

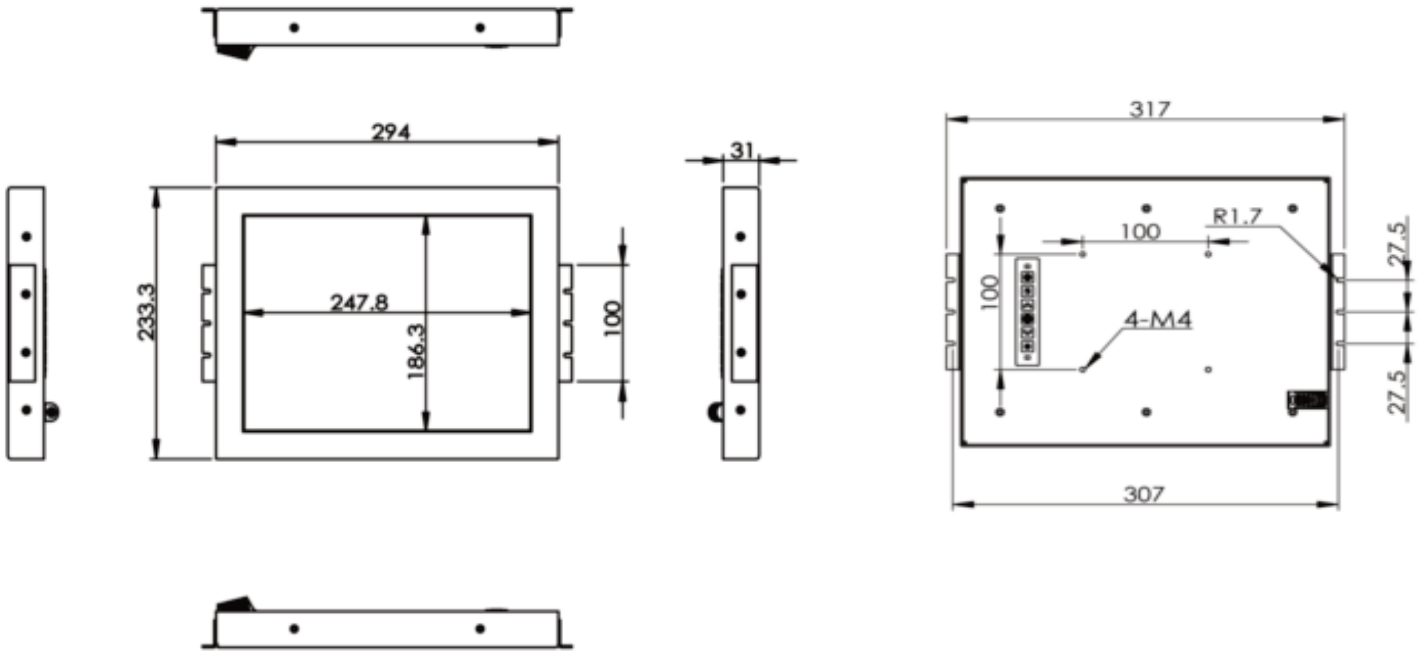
## 12.1 inches Touch Monitor

## Industrial Series

- 12.1 inches XGA monitor.
- High brightness and wide viewing angle.
- Resistive 4W/5W touch panel.
- Optional projected capacitive touch panel.
- Fully configurable manual and automatic dimmer.
- Slim frame and reduced depth.
- Power supply 9-36VDC, optional 48VDC, 72VDC and 110VDC (Railway certified optional).
- -35°C to 75°C operating temperature.
- LED backlight lifetime min. 50.000.
- Optional detachable computer.



General Specification	
Size	12.1 inches
Resolution / Aspect	1024 x 768px / 4:3
Inputs	VGA/HDMI/DVI (Factory Selectable, through DSUB connectors or direct cable).
Audio	No Audio
Touch	Resistive 4 or 5 Wires. Interface USB, optional RS232
Power Supply	9-36VDC / 48VDC, 72VDC, 110VDC optional
Power Consumption	12-14W
MTBF / Lifespan	Controller and LCD: 100.000h Backlight: min. 50.000h
Warranty	24 months
Certification	CE
Mounting Type	Panel Type, VESA 75mm, Custom Option
Mechanical and Environment	
Dimension	294x 233.3 x 31 mm
Weight	TBD
Enclosure	Steel and Aluminum, Wet Paint (Powder Paint optional)
Operation Temp.	-35°C to 75°C
Storage Temp.	-40°C to 85°C
Vibrations / Shock	1G 2-500Hz / 10G 11ms
Optical Specification	
Brightness	350/500/1000 nits, LED backlight.
Contrast ratio	700:1
Viewing Angle	160° H, 140° V
Response Time	16 ms
Optical Finish	Anti-glare/Anti-reflective
Enhancements	Sunlight Readable and Transfletive Enhancements Available



Ordering Information						
Model	Size	Resolution	Brightness	Readability	Touch	Input
MF1200-NNVN4.5	12.1"	1024x768	350nits			VGA / HDMI / DVI
MF1200-UNVN4.5	12.1"	1024x768	350nits		U: Resistive ; UP: PCT	VGA / HDMI / DVI
MF1200HB-NNVN4.5	12.1"	1024x768	500nits			VGA / HDMI / DVI
MF1200HB-NSVN4.5	12.1"	1024x768	500nits	Sunlight		VGA / HDMI / DVI
MF1200HB-UNVN4.5	12.1"	1024x768	500nits		U: Resistive ; UP: PCT	VGA / HDMI / DVI
MF1200HB-USVN4.5	12.1"	1024x768	500nits	Sunlight	U: Resistive ; UP: PCT	VGA / HDMI / DVI
MF1200SHB-NNVN4.5	12.1"	1024x768	1000nits			VGA / HDMI / DVI
MF1200SHB-NSVN4.5	12.1"	1024x768	1000nits	Sunlight		VGA / HDMI / DVI
MF1200SHB-UNVN4.5	12.1"	1024x768	1000nits		U: Resistive ; UP: PCT	VGA / HDMI / DVI
MF1200SHB-USVN4.5	12.1"	1024x768	1000nits	Sunlight	U: Resistive ; UP: PCT	VGA / HDMI / DVI
Accessories						
DB2.5	DSUB 2.5m all-in-one cable, VGA / HDMI optional.					
DB4.5	DSUB 4.5m all-in-one cable, VGA / HDMI / DVI optional.					
SCSI2.5	SCSI 2.5m all-in-one cable, VGA.					
SCSI4.5	SCSI 4.5m all-in-one cable, VGA.					

\* PCT: Projected Capacitive Touch

\* 1500nits available.