

# MPCST11NDJ00T

industrial touchscreen display - Smart iPC - 8.4' - 600 MHz



## Main

Range of product	Magelis Smart
Product or component type	Embedded panel
Product specific application	Heavy duty
Terminal type	Touchscreen display
Processor name	Intel Celeron M
Processor frequency	600 MHz
Data storage equipment	Flash disk 1 GB
Number of slots available for expansion	1 slot(s) for Compact Flash card (1GB)
Display size	8.4 inch
Display type	Active matrix colour TFT LCD
Display resolution	800 x 600 pixels SVGA
Display colour	262144 colors
Operating system	Windows XPe SP2
Software package	Vijeo Designer run time demo
[Us] rated supply voltage	24 V
Immunity to microbreaks	5 ms
Cut-out dimensions	218.5 (+ 1/- 0) x 165.5 (+ 1/- 0) mm

## Complementary

Memory description	Internal RAM SDRAM, 512 MB, expandable to 1 GB
Integrated connection type	2 Ethernet TCP/IP on Central unit, RJ45 connector 4 USB 2.0 ports on Central unit Audio line output on Central unit, mini-jack connector COM2 serial link on Central unit, male SUB-D 9 connector (RS232C)
Port Ethernet	10BASE-T/100BASE-T 10BASE-T/100BASE-T/1000BASE-T
Power consumption in W	<= 40 W
Luminance	>= 200 cd/m <sup>2</sup>
View angle horizontal x vertical	160 x 160°
Touch panel	Analogue resistive, 1000000 cycles
Front material	Aluminium alloy
Enclosure material	Treated steel
Display material	Polyethylene sheet
Fixing mode	By 8 bolts on enclosure door By 8 bolts on panel
Local signalling	1 LED (green) for accessing Compact Flash memory (DISK) 1 LED (green) for PC switched on (ON)
Width	230 mm
Height	177 mm
Depth	65 mm

## Environment

IP degree of protection	IP65
standards	CSA C22.2 No 142 IEC 61131-2 UL 508
electromagnetic compatibility	Immunity to electromagnetic emissions conforming to EN 55011 group 1 class A Immunity to electromagnetic emissions conforming to EN 61000-3-2 Immunity to electromagnetic emissions conforming to EN 61000-3-3

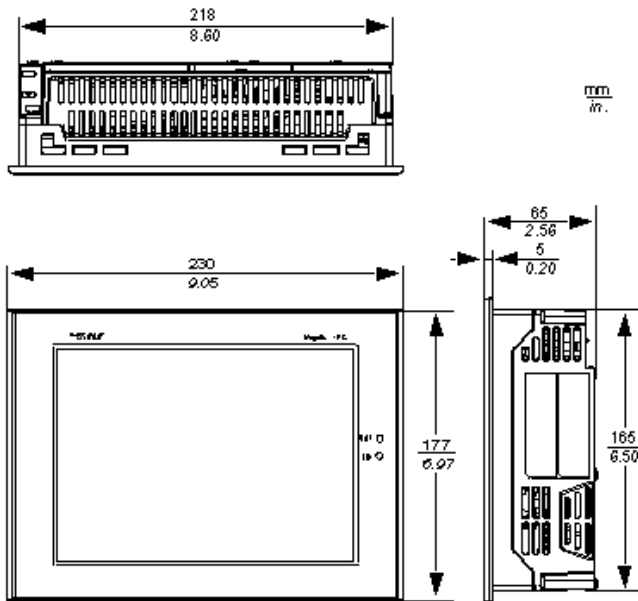
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Immunity to high frequency interference conforming to EN 61000-6-2  
Immunity to high frequency interference conforming to FCC Class A  
Immunity to high frequency interference conforming to IEC 61131-2

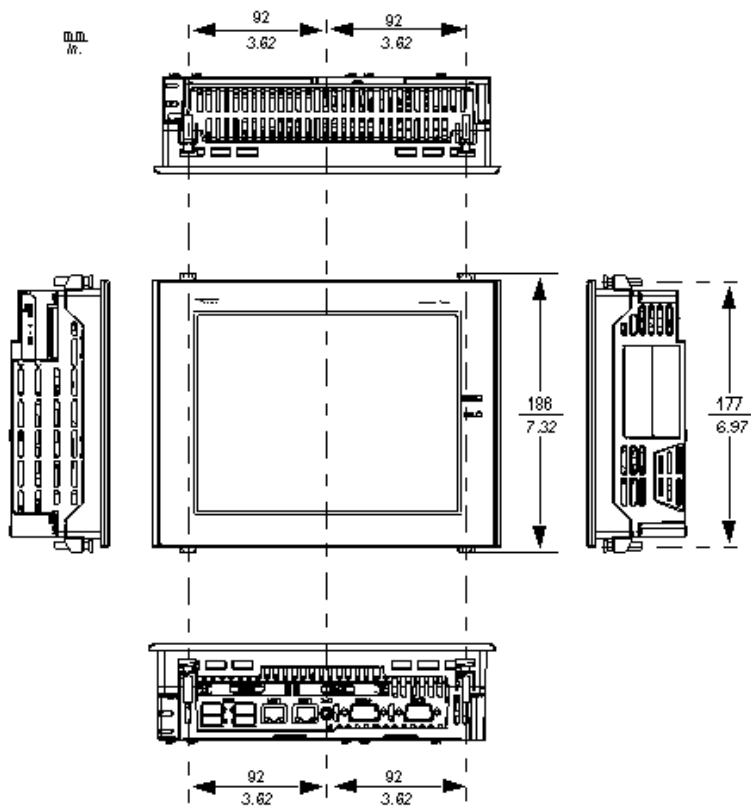
ambient air temperature for operation	0...50 °C
ambient air temperature for storage	-20...60 °C
relative humidity	10...85 %
operating altitude	0...3000 m
storage altitude	0...12000 m
vibration resistance	9.8 m/s <sup>2</sup> (f = 10...25 Hz)

## Dimensions

### without Installation Fasteners



### with Installation Fasteners



### Panel Cut-out

