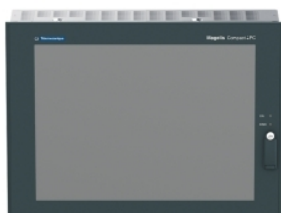


## Product data sheet

### Characteristics

# MPCKT55NDX20N

industrial touchscreen display - Compact iPC -  
15" - Intel Celeron M 1.6 Ghz



### Main

Range of product	Magelis Compact iPC
Product or component type	PC panel
Product specific application	General purpose
Terminal type	Touchscreen display
Processor name	Intel Pentium M
Display size	15 inch
Display type	Active matrix colour TFT LCD
Display resolution	1024 x 768 pixels SVGA
Display colour	16777216 colors
Processor frequency	1.6 GHz
Data storage equipment	IDE hard disk (2.5 inch), >= 80 GB
Number of slots available for expansion	1 slot(s) for PCI bus 2 slot(s) for PCMCIA
Operating system	Windows XP Professional
Software package	Vijeo Designer run time demo
[Us] rated supply voltage	24 V DC conforming to EN 61131-2
Cut-out dimensions	383.5 (+ 1/- 0) x 282.5 (+ 1/- 0) mm

### Complementary

Memory description	Internal RAM SDRAM, 512 MB, expandable to 2 GB
Drive type	Floppy disk, 3.5 inch, 1.44 MB DVD-RW
Integrated connection type	2 Ethernet TCP/IP: RJ45 control box 4 USB 2.0 ports control box Audio line output: mini-jack control box 1 USB port front panel, transmission rate: 12 Mbit/s Audio line input: mini-jack control box Audio micro input: mini-jack control box 4 COM serial link: male SUB-D 9 control box RS232C
Port Ethernet	10BASE-T/100BASE-T/1000BASE-T 10BASE-T/100BASE-T
Network frequency	50...60 Hz conforming to EN 61131-2
Network frequency limits	47...63 Hz
Power consumption in VA	150 VA
Luminance	250 cd/m <sup>2</sup>
View angle horizontal x vertical	120 x 100°
Touch panel	Analogue resistive, 1000000 cycles
Front material	Aluminium alloy
Enclosure material	Treated steel
Display material	Polyethylene sheet
Fixing mode	Enclosure door: by 8 bolts Panel: by 8 bolts
Local signalling	1 LED (green) for accessing hard disk (DISK) 1 LED (green) for PC switched on (ON)
Width	395 mm
Height	294 mm

Depth	103 mm
Net weight	4.5 kg

## Environment

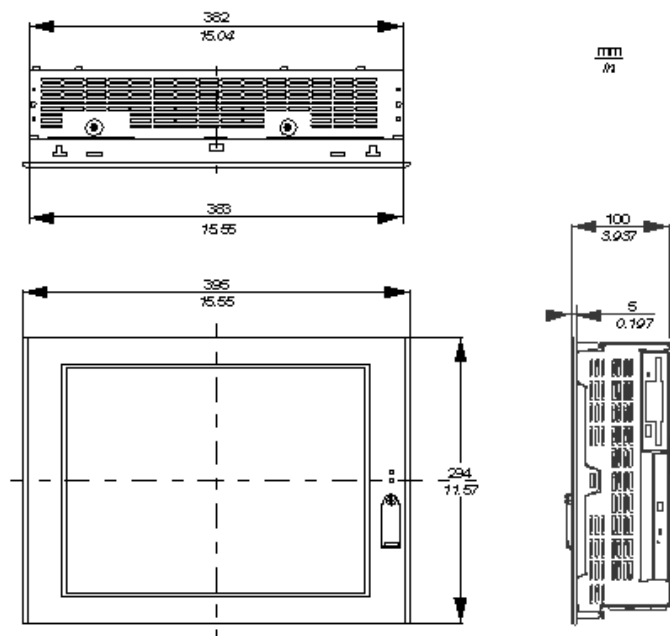
Immunity to microbreaks	20 ms
IP degree of protection	IP65
Product certifications	CSA
Standards	IEC 61131-2 UL 508 UL 1604
Electromagnetic compatibility	Immunity to electromagnetic emissions conforming to EN 55011 group 1 class A Immunity to electromagnetic emissions conforming to EN 61000-3-2 Immunity to electromagnetic emissions conforming to EN 61000-3-3 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	5...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)

## Contractual warranty

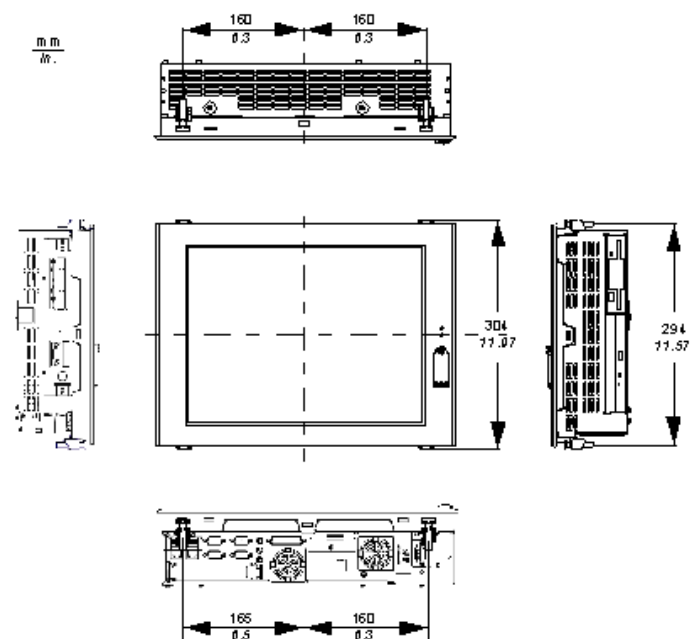
Warranty	18 months
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## Dimensions

### without Installation Fasteners



### with Installation Fasteners



## Mounting

