



Certifications and standards

Product certifications	CSA UL 508
Standards	IEC 61131-2

Communication

Data storage equipment	IDE hard disk (2.5 inch) >= 40 GB
Port Ethernet	1 port 10BASE-T/100BASE-TX 1 port 10BASE-T/100BASE-TX/1000BASE-TX
Processor frequency	1300 MHz

Connections

Integrated connection type	2 Ethernet TCP/IP control box RJ45 4 USB 2.0 ports control box 1 USB port front panel 12 Mbit/s COM1 serial link control box male SUB-D 9 RS232C Audio line output control box mini-jack
Terminal type	Touchscreen display

Electrical

[Us] rated supply voltage	100...240 V AC 85...265 V EN 61131-2
Luminance	>= 250
Network frequency	50...60 Hz EN 61131-2
Network frequency limits	47...63 Hz
Power consumption	<= 120

Environment

IP degree of protection	IP65
Ambient air temperature for operation	5...50 °C
Ambient air temperature for storage	-10...60 °C
Electromagnetic compatibility	Immunity to high frequency interference IEC 61131-2 Immunity to high frequency interference EN 61000-6-2 Immunity to high frequency interference FCC Class A Immunity to electromagnetic emissions EN 55011 group 1 class A Immunity to electromagnetic emissions EN 61000-3-2 Immunity to electromagnetic emissions EN 61000-3-3
Immunity to microbreaks	10 ms
Operating altitude	0...3000 m
Relative humidity	10...85 %
Storage altitude	0...12000 m
Vibration resistance	1 gn 10...25 Hz

Functional

Display type	Active matrix colour TFT LCD
Local signalling	1 LED green PC switched on (ON) 1 LED green accessing hard disk (DISK)
Memory description	Internal RAM SDRAM 512 MB, expandable to 1 GB
Number of slots available for expansion	1 PCMCIA 1 PCI bus
Screen protection	Polyethylene sheet
Software package	Vijeo Designer Run Time
Touch panel	Analogue resistive 1000000 cycles
View angle horizontal x vertical	160 x 160 °

Installation

Fixing mode	By 8 bolts panel By 8 bolts enclosure door
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Physical characteristics

Cut-out dimensions	301.5 (+ 1/- 0) x 227.5 (+ 1/- 0) mm
Depth	103 mm
Display colour	262144 colors
Display size	12 inch
Enclosure material	Treated steel
Front material	Aluminium alloy
Height	239 mm
Pixel resolution	1024 x 768 pixels XGA
Product weight	8 kg
Width	313 mm

Product identification

Operating system	Windows XP Professional
Processor name	Intel Celeron M
Range of product	Magelis Compact iPC