



### 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 Celeron M
Processor frequency	1.3 GHz
Data storage equipment	IDE hard disk (2.5 inch) >= 40 GB
Number of slots available for expansion	1 slot(s) for PCI bus 1 slot(s) for PCMCIA
Operating system	Windows XP Professional
Software package	HMI edition - Vijeo Designer Run Time
[Us] rated supply voltage	100...240 V AC conforming to EN 61131-2
Display size	12 inch
Display resolution	1024 x 768 pixels XGA
Cut-out dimensions	301.5 (+ 1/- 0) x 227.5 (+ 1/- 0) mm

### Complementary

Memory description	Internal RAM SDRAM, 512 MB, expandable to 1 GB
Integrated connection type	2 Ethernet TCP/IP on control box, RJ45 connector 4 USB 2.0 ports on control box Audio line output on control box, mini-jack connector 1 USB port on front panel, transmission rate 12 Mbit/s 2 COM serial link on control box, male SUB-D 9 connector (RS232C)
Port Ethernet	10BASE-T/100BASE-T 10BASE-T/100BASE-T/1000BASE-T
Supply voltage limits	85...265 V
Network frequency	50...60 Hz conforming to EN 61131-2
Network frequency limits	47...63 Hz
Power consumption	<= 120 VA
Display type	Active matrix colour TFT LCD
Display colour	262144 colors
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	By 8 bolts on enclosure door By 8 bolts on panel
Local signalling	1 LED (green) for accessing hard disk (DISK) 1 LED (green) for PC switched on (ON)
Width	313 mm
Height	239 mm
Depth	103 mm
Product weight	8 kg

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## Environment

Immunity to microbreaks	10 ms
IP degree of protection	IP65
Product certifications	CSA
Standards	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 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
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)