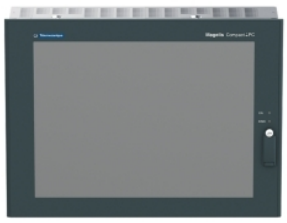
Product data sheet
Characteristics

MPCKT55MAX20V
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	Heavy duty
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 Flash disk (2.5 inch) replaceable, >= 15 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 Citect Run Time, 500 points
[Us] rated supply voltage	100...240 V AC conforming to EN 61131-2
Cut-out dimensions	383.5 (+ 1/- 0) x 282.5 (+ 1/- 0) mm

Complementary

Memory description	Internal RAM SDRAM, 1.5GB, 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 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 10BASE-T/100BASE-T/1000BASE-T
Supply voltage limits	85…265 V
Power consumption in VA	150 VA
Luminance	250 cd/m²
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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Environment

Immunity to microbreaks	20 ms
IP degree of protection	IP65
Product certifications	CSA
Standards	IEC 61131-2 UL 1604 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
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/s² (f = 10…25 Hz)

Packing Units

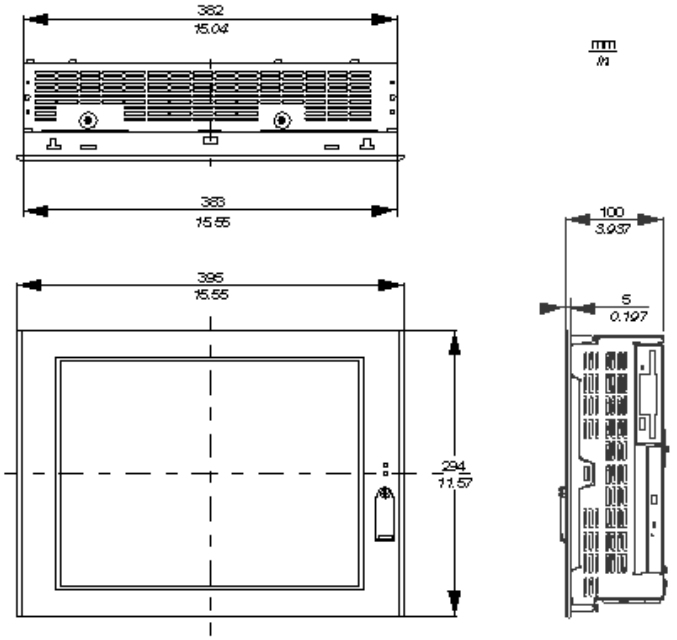
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	24.5 cm
Package 1 Width	42.5 cm
Package 1 Length	52 cm
Package 1 Weight	10.33 kg

Contractual warranty

Warranty	18 months

Dimensions

without Installation Fasteners



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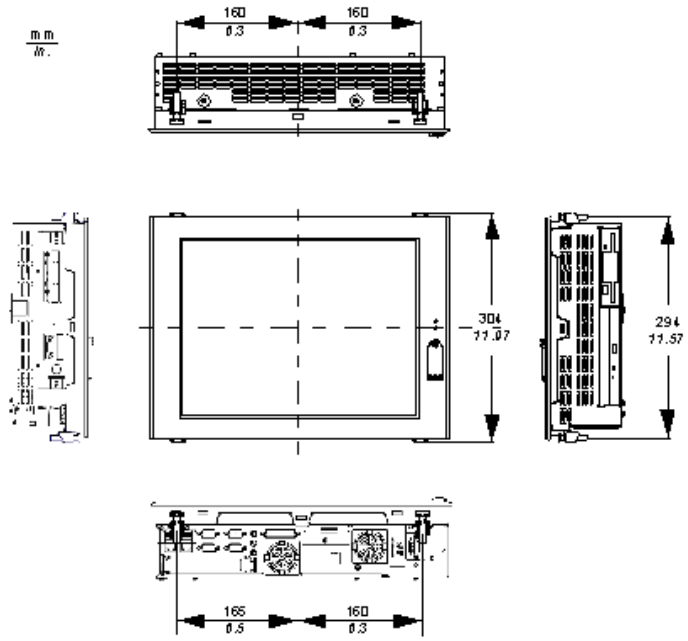

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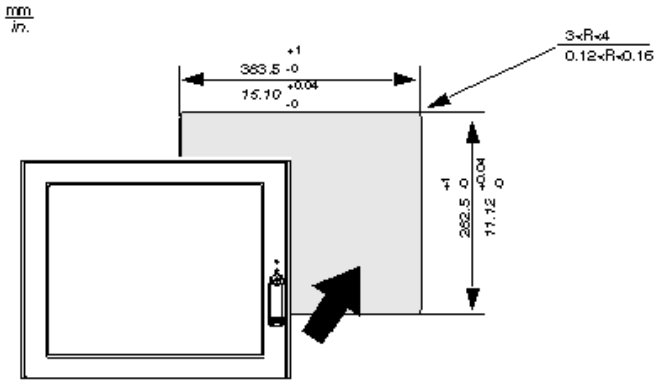
Mounting