

Product datasheet

Specifications



industrial touchscreen display - Smart iPC - 15'

MPCST52NDJ20T

⚠ Discontinued on: 28 Mar 2011

⚠ End-of-service on: 31 Dec 2011

⚠ Discontinued

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) 1 slot(s) for PCMCIA
Display size	15 inch
Display type	Active matrix colour TFT LCD
Display resolution	1024 x 768 pixels XGA
Display colour	16777216 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	383.5 (+ 1/- 0) x 282.5 (+ 1/- 0) mm

Complementary

Memory description	Internal RAM SDRAM, 512 MB, expandable to 1 GB
Integrated connection type	1 USB port front panel 2 Ethernet TCP/IP: RJ45 Central unit 4 USB 2.0 ports Central unit Audio line output: mini-jack Central unit COM2 serial link: male SUB-D 9 Central unit RS232C
Port Ethernet	10BASE-T/100BASE-T/1000BASE-T 10BASE-T/100BASE-T
Power consumption in W	90 W
Luminance	250 cd/m²
View angle horizontal x vertical	160 x 160°
Touch panel	Analogue resistive, 1000000 cycles
Front material	Aluminium alloy

Disclaimer: 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

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 Compact Flash memory (DISK) 1 LED (green) for PC switched on (ON)
width	395 mm
Height	294 mm
Depth	60 mm
Net weight	6 kg

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 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/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	52.0 cm
Package 1 Weight	7.73 kg

Contractual warranty

Warranty	18 months
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