

Product data sheet

Specifications



Panel PC Optimum Stainless steel-Compact Flash - 15"- DC - fanless ATEX

HMIPVC7D0E01

⚠ Discontinued on: Jun 30, 2016

⚠ End-of-service on: Dec 31, 2020

⚠ Discontinued

Main

Range of Product	Harmony iPC
Product or Component Type	PC panel
Terminal type	Touchscreen display
Processor name	Atom Z510 1.1 GHz cache
Chipset type	Intel US15W 400 MHz
Data storage equipment	Compact Flash card 2 GB SLC
Number of slots available for expansion	1 Compact Flash card 1 SD card
Display size	15 inch
Display Type	Active matrix colour TFT LCD with LED backlight
Display Resolution	1024 x 768 pixels XGA
Display colour	16 million colours

Complementary

Luminance	32.5 fc (350 cd/m²)
View angle horizontal x vertical	160 x 100°
Touch panel	Analogue resistive
Memory Type	1 GB RAM DDR2 512 KB SRAM
Video controller type	Intel Graphics Media Accelerator (GMA) 500, 256 MB
Integrated connection type	2 Ethernet TCP/IP - RJ45 10BASE-T/100BASE-T/1000BASE-T COM1 serial link - male SUB-D 9 - RS232C - 115 kbauds USB 2.0 port - USB type A - 480 Mbit/s front panel 2 USB 2.0 port - USB type A - 480 Mbit/s top
Operating system	Windows Embedded Standard WES2009 - English Windows Embedded Standard WES2009 - French Windows Embedded Standard WES2009 - German Windows Embedded Standard WES2009 - Italian Windows Embedded Standard WES2009 - Spanish Windows Embedded Standard WES2009 - Swedish Windows Embedded Standard WES2009 - Chinese Windows Embedded Standard WES2009 - Portuguese Windows Embedded Standard WES2009 - Russian

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Software package	.NET Framework 3.5 Internet Explorer Viewer Word/Excel/Power Point Vijeo Citect web client Adobe PDF and multimedia reader Vijeo Designer run time demo
[Us] rated supply voltage	24 V DC power supply)
Supply voltage limits	18...30 V
Line Rated Current	1.9 A
Inrush current	3 A
Bezel material	Stainless steel 304
Surface finish	Scotch-Brite® finished
Enclosure Material	Treated steel
Display material	Polyethylene sheet
Fixing mode	Enclosure door by fixing kit fasteners included) Panel by fixing kit fasteners included)
Control type	ON/OFF push-button equipment ON and OFF) Push-button reset)
Local signalling	Accessing CF system card (DISK) LED Yellow) Power multi-colour LED -)
Width	15.8 in (402 mm)
Height	11.9 in (301 mm)
Depth	2.8 in (72 mm)
Net Weight	13.32 lb(US) (6.04 kg)

Environment

IP degree of protection	IP65 EN/IEC 61131-2 front panel (indoor use))
NEMA degree of protection	NEMA 4X front panel (indoor use)
Product certifications	Marine GL Bridge with line filter HMIYLFIMAR11 CULus 508 CULus CSA 22-2 No 142 CULus HazLoc Class I Division 2 UL 1604 CULus HazLoc Class I Division 2 ANSI/ISA 12-12-01 CULus HazLoc Class I Division 2 CSA 22-2 No 213 CE C-tick GOST ATEX II 3 Gas & Dust zone 2/22
Pollution degree	2 EN/IEC 61131-2
Electromagnetic compatibility	Immunity to high frequency interference EN/IEC 61131-2 Immunity to high frequency interference EN/IEC 61000-4-x Immunity to electromagnetic emissions EN 55022 Class A Immunity to electromagnetic emissions EN 55011 class A
Ambient air temperature for operation	32...122 °F (0...50 °C) vertical installation EN/IEC 61131-2 32...122 °F (0...50 °C) vertical installation UL 508
Ambient air temperature for storage	-4...140 °F (-20...60 °C) IEC 60068-2-2 test Bb -4...140 °F (-20...60 °C) IEC 60068-2-14 test Na
Relative Humidity	10...85 % EN/IEC 60068-2-30 Db 10...85 % EN/IEC 60068-2-78
Operating altitude	6561.68 ft (2000 m) EN/IEC 61131-2

Vibration resistance	1.75 mm 2...9 Hz) continuous EN/IEC 60068-2-6 Fc 3.5 mm 2...9 Hz) intermittently EN/IEC 60068-2-6 Fc 0.5 gn 9...200 Hz) continuous EN/IEC 60068-2-6 Fc 1 gn 9...200 Hz) intermittently EN/IEC 60068-2-6 Fc 1 mm 3...13.2 Hz) continuous EN/IEC 60068-2-6 Fc 0.7 gn 13.2...100 Hz) continuous EN/IEC 60068-2-6 Fc
Shock resistance	15 gn 11 ms IEC 60068-2-27, Ea tests

Ordering and shipping details

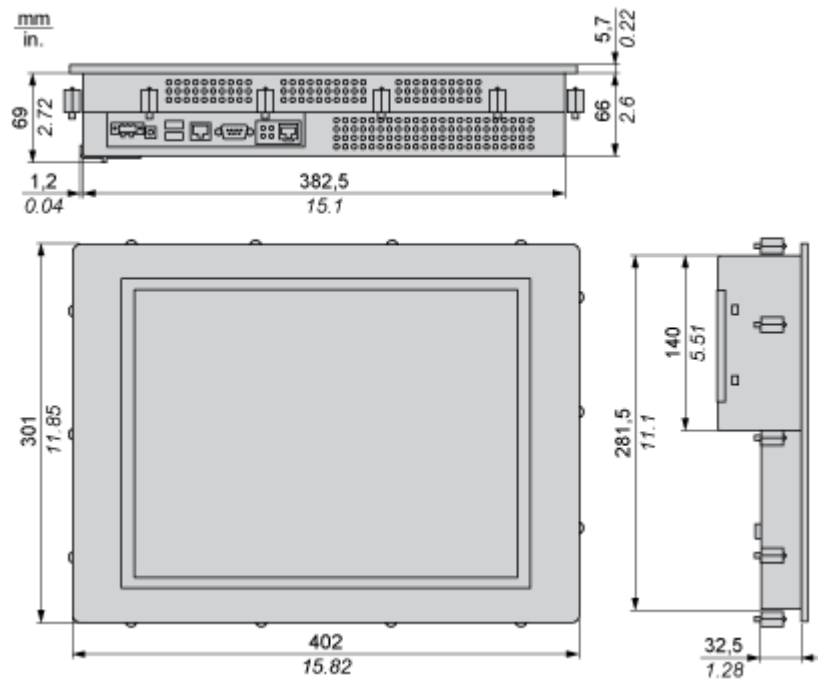
Category	22575-MAGELIS MC3
Discount Schedule	MC3
GTIN	3595864156361
Returnability	No
Country of origin	AT

Contractual warranty

Warranty	18 months
----------	-----------

Dimensions Drawings

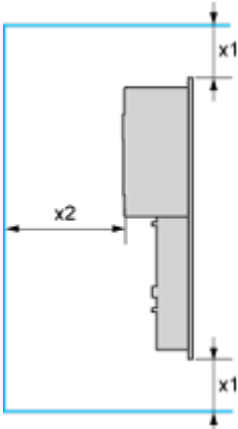
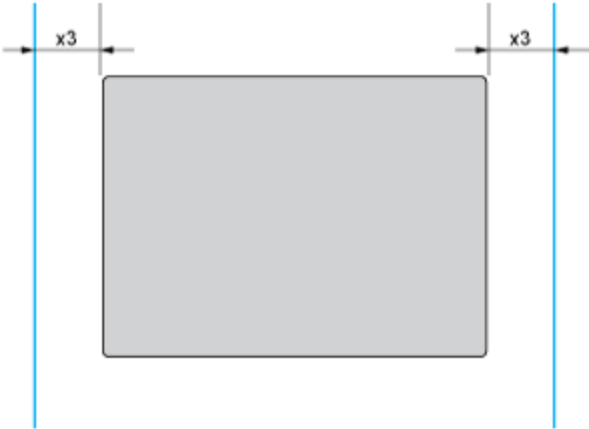
Dimensions



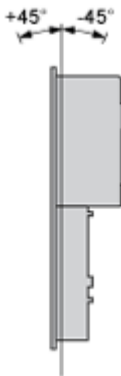
Mounting and Clearance

Mounting Information

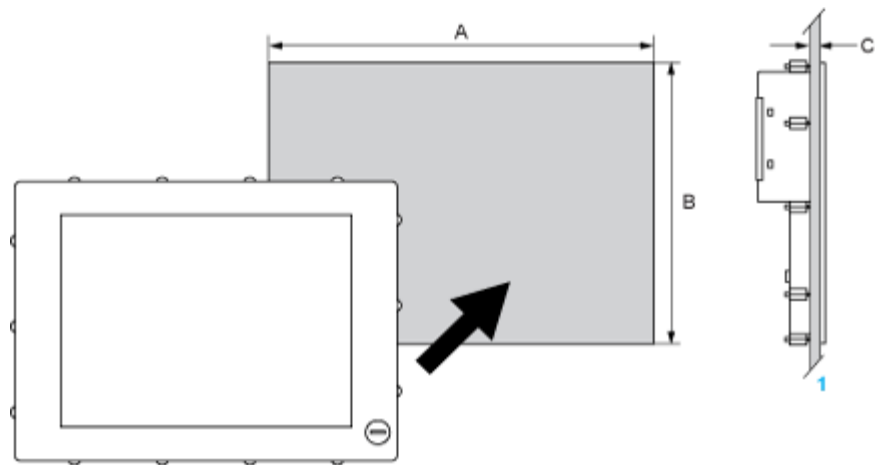
Spacing Requirements

Side View	Rear View
	
x1 > 100 mm (> 3.93 in.) x2 > 50 mm (> 1.96 in.) x3 > 10 mm (> 0.39 in.)	

Mounting Orientation



Panel Cut Dimensions



1 Installation panel

A	B	C
383.5 + 1/- 0 mm (15.10 + 0.04/- 0 in.)	282.5 + 1/- 0 mm (11.12 + 0.04/- 0 in.)	1.6...10 mm (0.06...0.39 in.)