

Product data sheet

Specifications



Panel PC Universal - Flash Disk - 19" - AC - 2 slots - 500I/O - fanless

HMIPUF9A2PF1

⚠ 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
Processor name	Atom N270 1.66 GHz L2 cache 512 KB
Chipset type	Intel 945GME 533 MHz
Display size	19 inch
Display colour	16 million colours
luminance	27.9 fc (300 cd/m²)
Drive type	DVD-RW
Video controller type	Intel Graphics Media Accelerator (GMA) 950, 224 MB
Operating system	MS Windows XP Professional Edition SP3multi-language
Software package	Vijeo Designer run time demo Vijeo Citect client/server, 500 I/O
Bezel material	Aluminium alloy

Complementary

Terminal type	Touchscreen display
Data storage equipment	>= 60 GB Flash disk SSD MLC 2000000 h
Display Type	Active matrix colour TFT LCD with LED backlight
Display Resolution	1280 x 1024 pixels SXGA
View angle horizontal x vertical	160 x 100°
Touch panel	Analogue resistive
Memory type	512 KB SRAM 2 GB RAM DDR3
Type of cooling	Fanless
Integrated connection type	2 Ethernet TCP/IP - RJ45 DVI-I video port - DVI-I COM1 serial link - male SUB-D 9 - RS232C 115 kbit/s) COM2 serial link - male SUB-D 9 - RS232C 115 kbit/s)
Port Ethernet	10BASE-T/100BASE-T/1000BASE-T
Number of slots	1 PCI 1 PCI express
[Us] rated supply voltage	100...240 V AC power supply
Supply voltage limits	85...265 V

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

Network frequency	50-60 Hz 47...63 Hz
Line Rated Current	1.6 A
Inrush current	40 A
Power Consumption in W	130 W
Material	Treated steel
Display material	Polyethylene sheet
Fixing mode	Enclosure door by fixing kit fasteners included) Panel by fixing kit fasteners included)
Type of Installation	Indoor
Control type	ON/OFF push-button equipment ON and OFF) Push-button reset)
Local signalling	for power LED (multi-colour) for accessing Flash disk SSD (DISK) LED (yellow)
Width	18.9 in (480 mm)
Height	15.0 in (380 mm)
Depth	6.02 in (153 mm)
cut-out dimensions	459.5 (+/- 0.5) x 359.5 (+/- 0.5) x 1.6...10 mm
Net Weight	34.13 lb(US) (15.48 kg)
Main type	Universal

Environment

IP degree of protection	IP65 front panel: conforming to EN/IEC 60529
NEMA degree of protection	NEMA 4X front panel
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 GOST CE C-tick
Pollution degree	2 EN/IEC 61131-2
Electromagnetic compatibility	Immunity to electromagnetic emissions, class A EN 55022 Immunity to electromagnetic emissions, class A EN 55011 Immunity to high frequency interference EN/IEC 61131-2 Immunity to high frequency interference EN/IEC 61000-4-x
Ambient air temperature for operation	32.0000000000...122.0000000000 °F (0...50 °C) vertical installation UL 508 32.0000000000...122.0000000000 °F (0...50 °C) vertical installation EN/IEC 61131-2 32.0000000000...113.0000000000 °F (0...45 °C) vertical installation when using RAID option EN/IEC 61131-2 32.0000000000...113.0000000000 °F (0...45 °C) vertical installation when using RAID option UL 508 41.0000000000...113.0000000000 °F (5...45 °C) vertical installation when using DVD writer EN/IEC 61131-2 41.0000000000...113.0000000000 °F (5...45 °C) vertical installation when using DVD writer UL 508
Ambient air temperature for storage	-4.0000000000...140.0000000000 °F (-20...60 °C) IEC 60068-2-2 test Bb -4.0000000000...140.0000000000 °F (-20...60 °C) IEC 60068-2-14 test Na
Relative Humidity	10...85 % EN/IEC 60068-2-78 10...85 % EN/IEC 60068-2-30
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

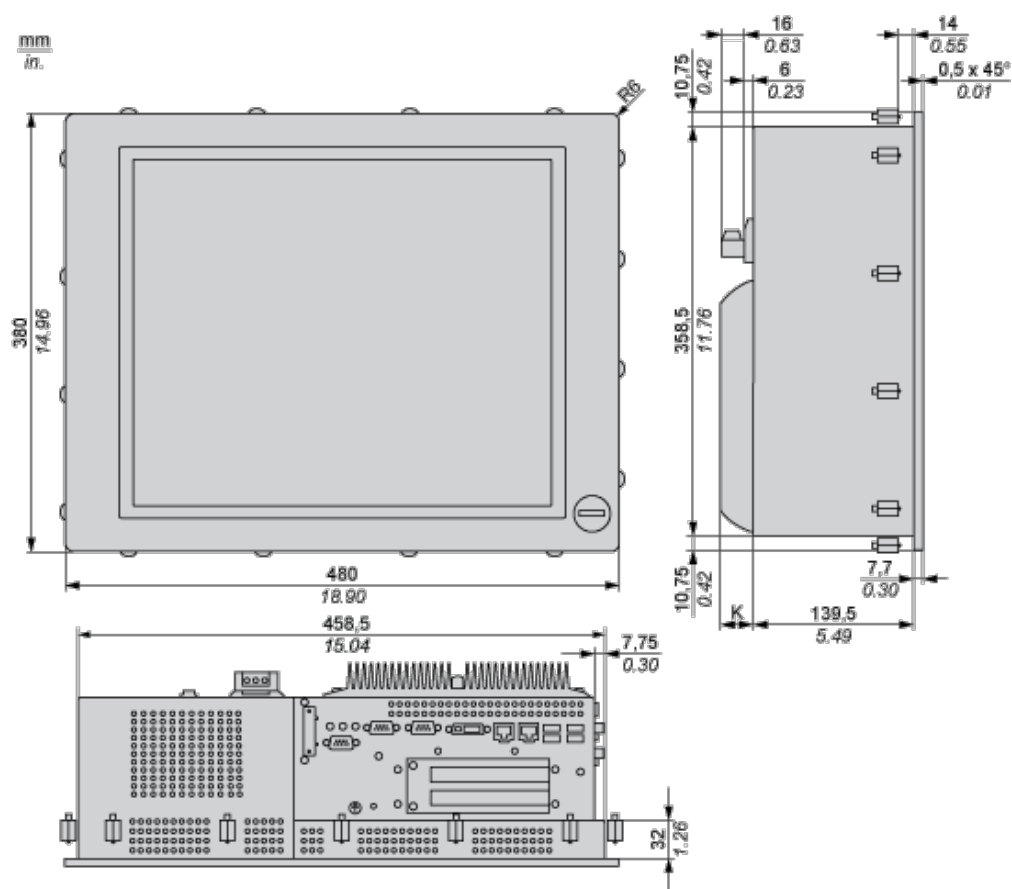
Category	22575-MAGELIS MC3
Discount Schedule	MC3
GTIN	00785901576273
Returnability	No
Country of origin	FR

Contractual warranty

Warranty	18 months
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Dimensions Drawings

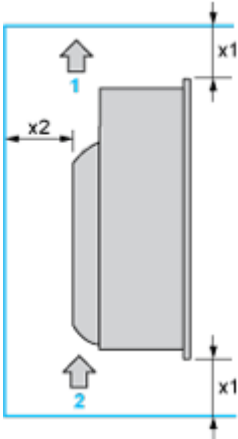
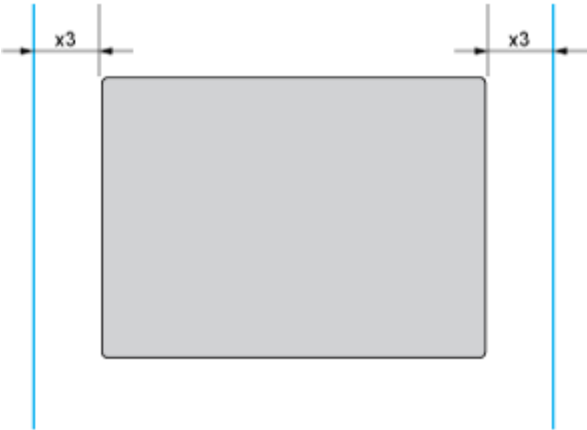
Dimensions



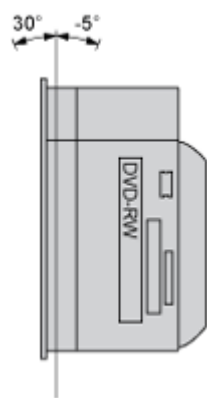
K : 12.8 mm / 0.50 in.

Mounting and Clearance

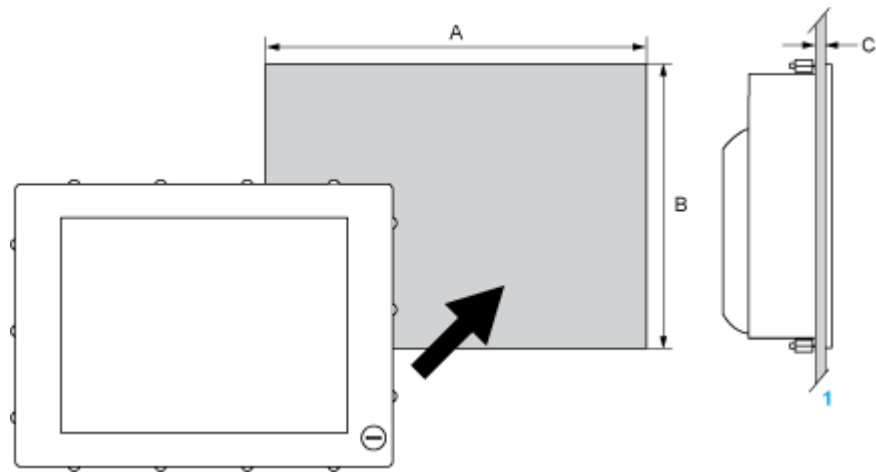
Spacing Requirements

Top, Bottom and Rear Sides	Left and Right Sides
 1 Air out 2 Air in	
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
459.5 ± 0.5 mm (18.09 ± 0.02 in.)	359.5 ± 0.5 mm (14.15 ± 0.02 in.)	1.6...10 mm (0.06...0.39 in.)