

Product data sheet

Specifications



Panel PC Performance - Flash Disk - 15" - AC - 2 slots - 500 I/O - fan

HMIPPF7A27F1

⚠ 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	Core 2 Duo P8400 2.26 GHz cache 6 MB
Chipset type	Intel GM45 1.066 GHz
Display size	15 inch
Display colour	16 million colours
Luminance	32.5 fc (350 cd/m²)
Drive type	DVD-RW
Video controller type	Intel Graphics Media Accelerator (GMA) 4500MHD, 384 MB
Operating system	Windows 7 64 bits Ultimatemulti-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	1024 x 768 pixels XGA
View angle horizontal x vertical	160 x 100°
Touch panel	Analogue resistive
Memory type	512 KB SRAM 4 GB RAM DDR3
type of cooling	Fan
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) USB 2.0 type A 480 Mbit/s)front panel 4 USB 2.0 type A 480 Mbit/s)top panel
Port Ethernet	10BASE-T/100BASE-T/1000BASE-T
Number of slots	1 PCI 1 PCI express 4x
[Us] rated supply voltage	100...240 V AC power supply

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

Supply voltage limits	85...265 V
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	15.8 in (402 mm)
Height	11.9 in (301 mm)
Depth	6.6 in (168 mm)
Cut-out dimensions	383.5 (+ 1/- 0) x 282.5 (+ 1/- 0) x 1.6...10 mm
Net Weight	26.26 lb(US) (11.91 kg)
Main type	Performance

Environment

IP degree of protection	IP65 front panel: conforming to EN/IEC 60529
NEMA degree of protection	NEMA 4X front panel
Product certifications	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...122 °F (0...50 °C) vertical installation UL 508 32...122 °F (0...50 °C) vertical installation EN/IEC 61131-2 32...113 °F (0...45 °C) vertical installation when using RAID option EN/IEC 61131-2 32...113 °F (0...45 °C) vertical installation when using RAID option UL 508 41...113 °F (5...45 °C) vertical installation when using DVD writer EN/IEC 61131-2 41...113 °F (5...45 °C) vertical installation when using DVD writer 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 60068-2-78 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

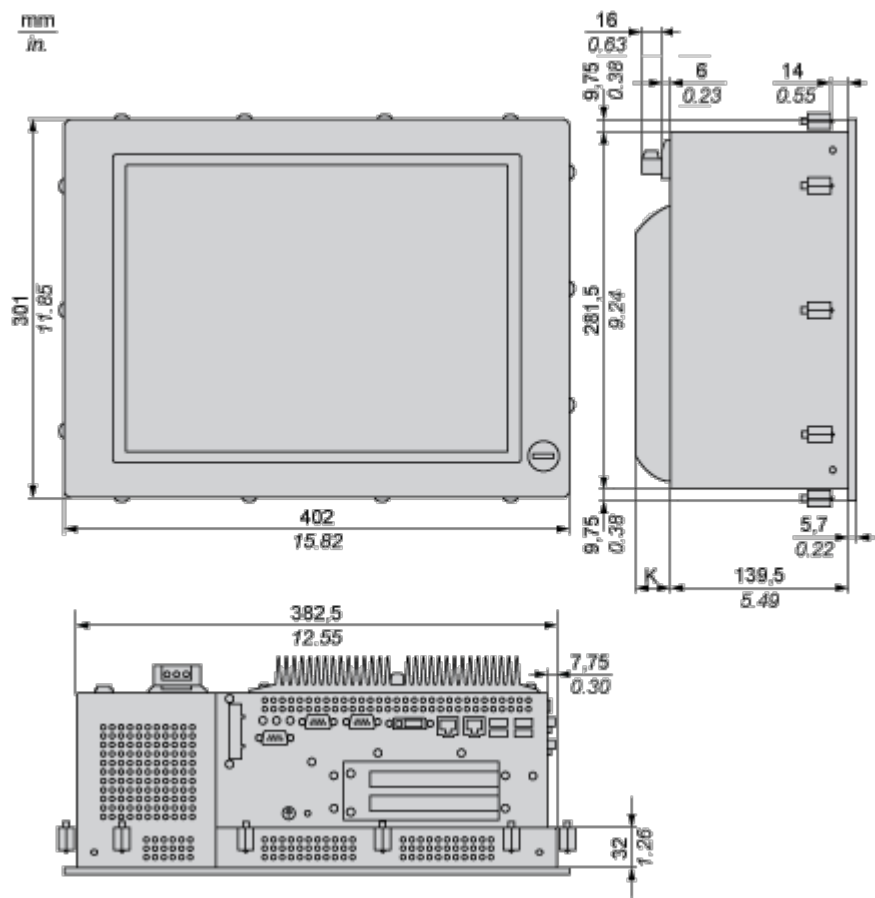
Category	22575-MAGELIS MC3
Discount Schedule	MC3
GTIN	00785901321347
Returnability	No
Country of origin	FR

Contractual warranty

Warranty	18 months
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Dimensions Drawings

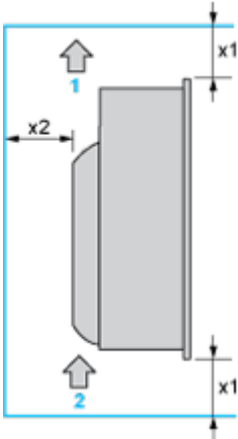
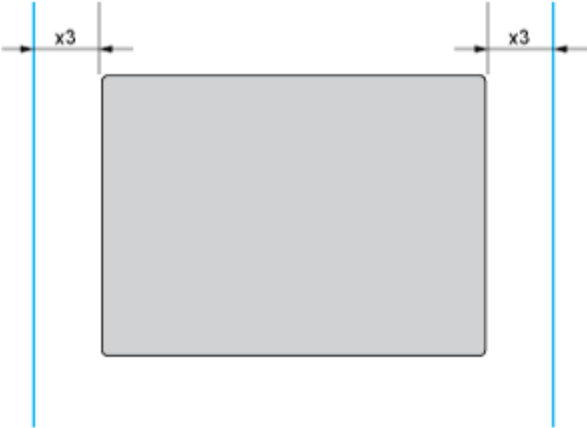
Dimensions



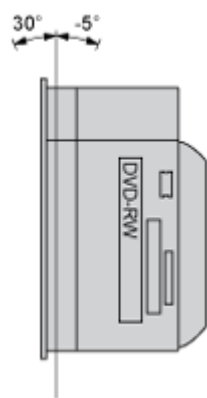
K : 28 mm / 1.10 in.

Mounting and Clearance

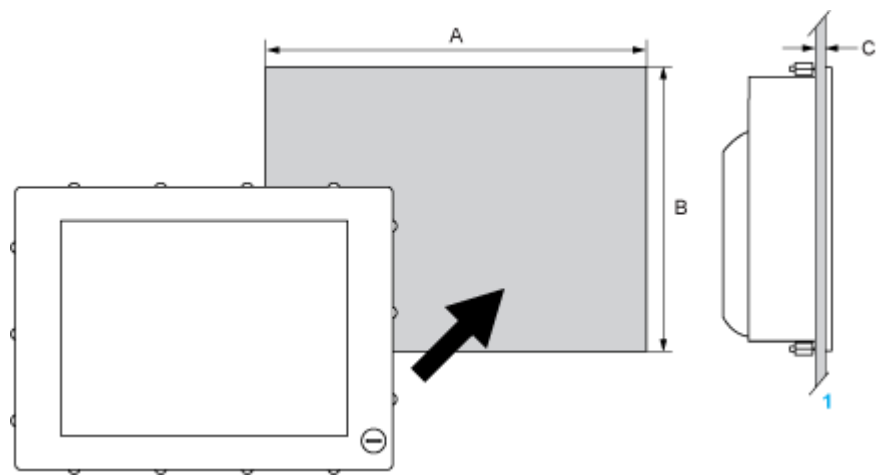
Spacing Requirements

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
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.)