



Commercial status

Discontinued: 30 June 2016

End-of-service: 31 December 2020

HMIPUF9D0P01 has not been replaced. Please contact your customer care centre for more information.

Main

Range of product	Magelis iPC
Product or component type	PC panel
Processor name	Atom N270 1.66 GHz L2 cache 512 kB
Chipset type	Intel 945GME at 533 MHz
Display size	19 inch
Display colour	16 million colours
Luminance	300 cd/m ²
Video controller type	Intel Graphics Media Accelerator (GMA) 950, 224 MB
Operating system	MS Windows XP Professional Edition SP3 multi-language
Software package	Vijeo Designer run time demo
Bezel material	Aluminium alloy

Complementary

Terminal type	Touchscreen display
Data storage equipment	>= 60 GB Flash disk SSD MLC for 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	DVI-I video port DVI-I Ethernet TCP/IP with 2 RJ45 COM1 serial link male SUB-D 9 RS232C, transmission rate: 115 kbit/s COM2 serial link male SUB-D 9 RS232C, transmission rate: 115 kbit/s USB 2.0 type A with 5, transmission rate: 480 Mbit/s
Port Ethernet	10BASE-T/100BASE-T/1000BASE-T
[Us] rated supply voltage	24 V DC power supply
Supply voltage limits	18...30 V
[In] rated current	6.7 A
Inrush current	7 A
Power consumption in W	130 W

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

Material	Treated steel
Display material	Polyethylene sheet
Fixing mode	By fixing kit with enclosure door (fasteners included) By fixing kit with panel (fasteners included)
Type of installation	Indoor
Control type	ON/OFF push-button (equipment ON and OFF) Push-button (reset)
Local signalling	Multi-colour LED for power Yellow LED for accessing Flash disk SSD (DISK)
Width	480 mm
Height	380 mm
Depth	114 mm
Cut-out dimensions	459.5 (+/- 0.5) x 359.5 (+/- 0.5) x 1.6...10 mm
Product weight	13.68 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	CE C-Tick GOST 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 REACH RoHS
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	0...50 °C vertical installation conforming to EN/IEC 61131-2 0...50 °C vertical installation conforming to UL 508
Ambient air temperature for storage	-20...60 °C conforming to IEC 60068-2-14 test Na -20...60 °C conforming to IEC 60068-2-2 test Bb
Relative humidity	10...85 % conforming to EN/IEC 60068-2-30 10...85 % conforming to EN/IEC 60068-2-78
Operating altitude	2000 m conforming to EN/IEC 61131-2
Vibration resistance	1.75 mm 2...9 Hz continuous conforming to EN/IEC 60068-2-6 Fc 3.5 mm 2...9 Hz intermittently conforming to EN/IEC 60068-2-6 Fc 0.5 gn 9...200 Hz continuous conforming to EN/IEC 60068-2-6 Fc 1 gn 9...200 Hz intermittently conforming to EN/IEC 60068-2-6 Fc 1 mm 3...13.2 Hz continuous conforming to EN/IEC 60068-2-6 Fc 0.7 gn 13.2...100 Hz continuous conforming to EN/IEC 60068-2-6 Fc
Shock resistance	15 gn 11 ms conforming to IEC 60068-2-27, Ea tests

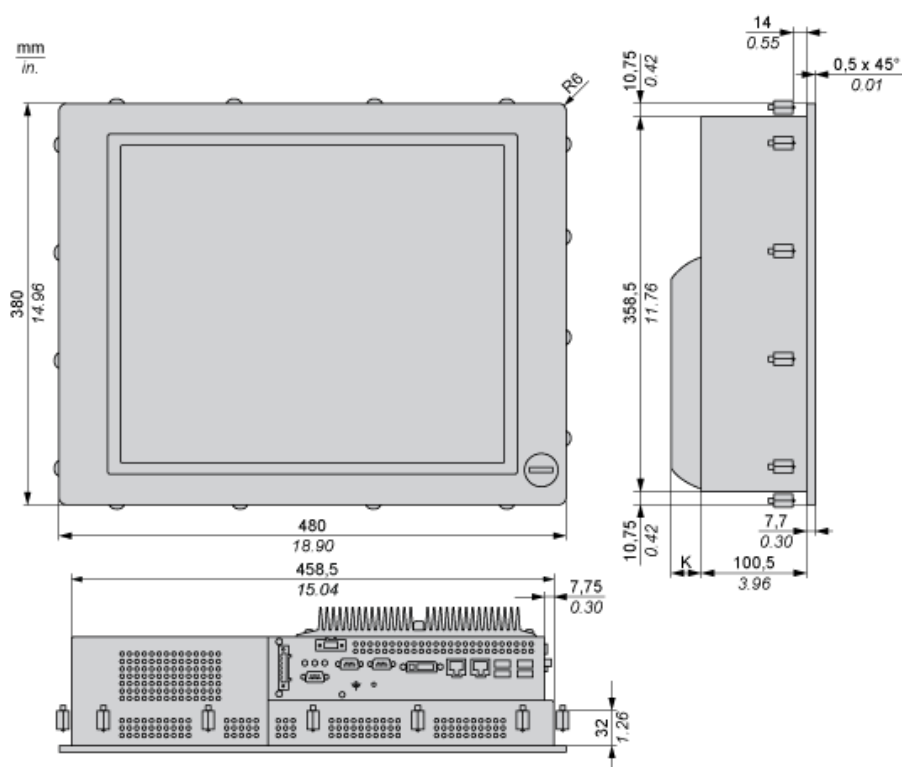
Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1148 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold

Contractual warranty

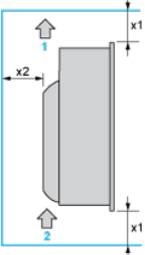
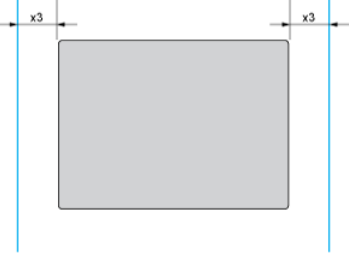
Warranty period	18 months
-----------------	-----------

Dimensions



K : 12.8 mm / 0.50 in.

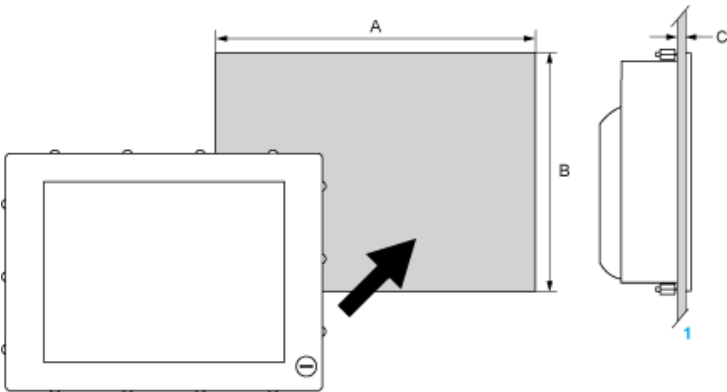
Spacing Requirements

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



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.)