

Product datasheet

Specifications



PC panel, Harmony iPC, Performance Stainless steel, Hard Disk 15"-AC 2 slots with fan ATEX

HMIPRH7A2701

⚠ Discontinued on: 27 Feb 2024

⚠ To be end-of-service on: 31 Dec 2026

⚠ Discontinued

Main

Range of product	Harmony iPC
Product or component type	PC panel
Processor name	Core 2 Duo P8400 2.26 GHz L2 cache 3 MB
Chipset type	Intel 945GME at 1066 MHz
Display size	15 inch
Display colour	16 million colours
Drive type	DVD-RW
Video controller type	Intel Graphics Media Accelerator (GMA) 950, 224 MB
Operating system	Windows 7 64 bits Ultimatemulti-language
Software package	Vijeo Designer run time demo
Bezel material	Stainless steel 304

Complementary

Terminal type	Touchscreen display
Data storage equipment	500 GB enterprise hard disk
Display resolution	1024 x 768 pixels XGA
Memory type	512 KB SRAM 4 GB RAM DDR3
type of cooling	Fan
Integrated connection type	DVI-I video port - DVI-I COM1 serial link - male SUB-D 9 - RS232C (rate: 115 kbauds) COM2 serial link - male SUB-D 9 - RS232C (rate: 115 kbauds) 2 Ethernet TCP/IP - 1 RJ45 4 USB 2.0 type A (rate: 480 Mbit/s)
Number of slots	1 PCI 1 PCI express 1x
[Us] rated supply voltage	100...240 V AC power supply
Supply voltage limits	85...265 V
Network frequency	50...60 Hz 47...63 Hz
[In] rated current	1.6 A
Inrush current	40 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

Surface finish	Scotch-Brite® finished
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	Multi-colour LED for power LED for accessing hard disk (DISK)
width	402 mm
Height	301 mm
Depth	153 mm
Net weight	12.2 kg
Main type	Performance

Environment

IP degree of protection	IP65 conforming to EN/IEC 61131-2
NEMA degree of protection	NEMA 4X
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 ATEX II 3 zone 22 dust
Standards	EN 1672-2 for food processing machinery FDA 21 CFR 177.2006 for flat seals
Pollution degree	2 conforming to EN/IEC 61131-2
Electromagnetic compatibility	Immunity to high frequency interference conforming to EN/IEC 61131-2 Immunity to high frequency interference conforming to EN/IEC 61000-4-x Immunity to electromagnetic emissions conforming to EN 55022 class A Immunity to electromagnetic emissions conforming to EN 55011 class A
Ambient air temperature for operation	0...50 °C vertical installation conforming to UL 508 0...45 °C vertical installation when using Gigabit Ethernet with HDD storage device conforming to UL 508 0...50 °C vertical installation conforming to EN/IEC 61131-2 0...45 °C vertical installation when using RAID option conforming to EN/IEC 61131-2 0...45 °C vertical installation when using RAID option conforming to UL 508 5...45 °C vertical installation when using DVD writer conforming to EN/IEC 61131-2 5...45 °C vertical installation when using DVD writer conforming to UL 508 0...45 °C vertical installation when using Gigabit Ethernet with HDD storage device conforming to EN/IEC 61131-2
Ambient air temperature for storage	-20...60 °C conforming to IEC 60068-2-2 test Bb -20...60 °C conforming to IEC 60068-2-14 test Na
Relative humidity	10...85 % conforming to EN/IEC 60068-2-78 10...85 % conforming to EN/IEC 60068-2-30 Db
Operating altitude	2000 m conforming to EN/IEC 61131-2
Vibration resistance	1 mm (f = 3...13.2 Hz) continuous conforming to EN/IEC 60068-2-6 Fc 0.7 gn (f = 13.2...100 Hz) continuous conforming to EN/IEC 60068-2-6 Fc 0.125 gn (f = 5...100 Hz) continuous conforming to EN/IEC 60068-2-6 Fc 0.250 gn (f = 5...100 Hz) intermittently conforming to EN/IEC 60068-2-6 Fc
Shock resistance	15 gn for 11 ms conforming to IEC 60068-2-27, Ea tests

Packing Units

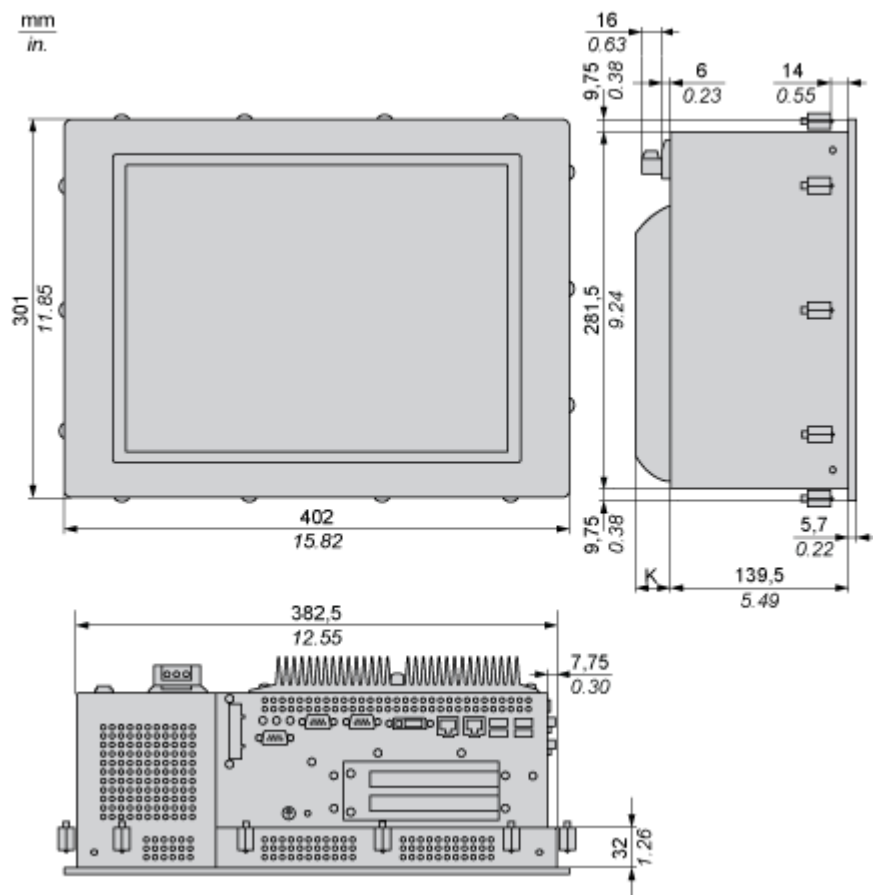
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	35.0 cm
Package 1 Width	40.5 cm
Package 1 Length	50.0 cm
Package 1 Weight	12.732 kg

Contractual warranty

Warranty	18 months
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Dimensions Drawings

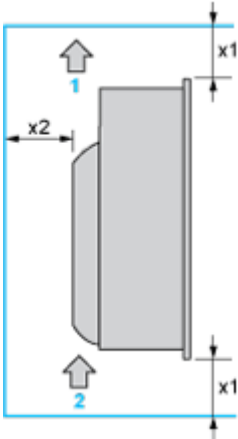
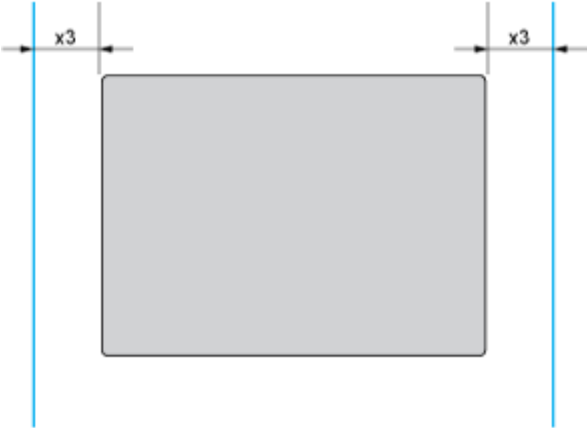
Dimensions



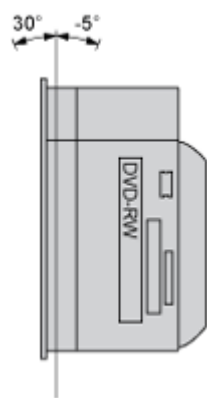
K : 28 mm / 1.10 in.

Mounting and Clearance

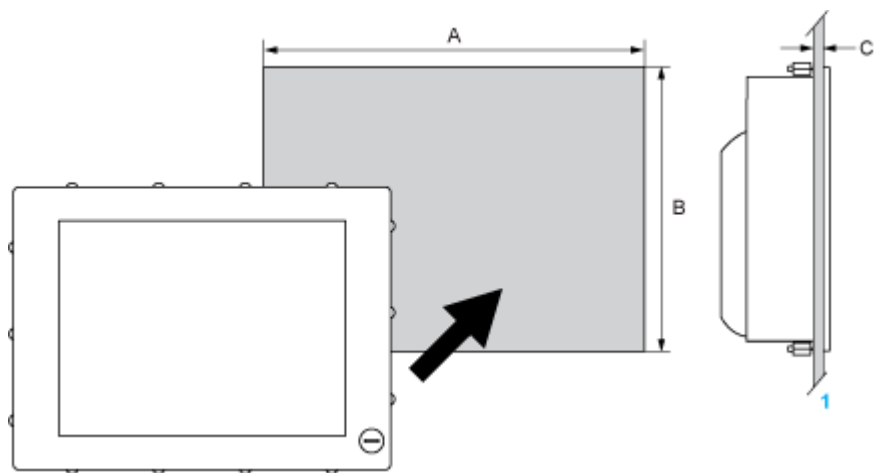
Spacing Requirements

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.)