

Product datasheet

Specifications



Panel PC Performance - Hard Disk - 15" - DC - 2 slots - Battery - fan

HMIPPH7B2701

⚠ 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 at 1.066 GHz
Display size	15 inch
Display colour	16 million colours
luminance	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
Bezel material	Aluminium alloy

Complementary

Terminal type	Touchscreen display
Data storage equipment	500 GB enterprise hard disk
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 (rate: 115 kbauds) COM2 serial link - male SUB-D 9 - RS232C (rate: 115 kbauds) battery slot USB 2.0 type A (rate: 480 Mbit/s)front panel 4 USB 2.0 type A (rate: 480 Mbit/s)top panel
Number of slots	1 PCI 1 PCI express 4x
[Us] rated supply voltage	24 V DC power supply
Supply voltage limits	18...30 V

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

[In] rated current	6.7 A
Inrush current	7 A
Power consumption in W	130 W
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	168 mm
Net weight	11.37 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
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

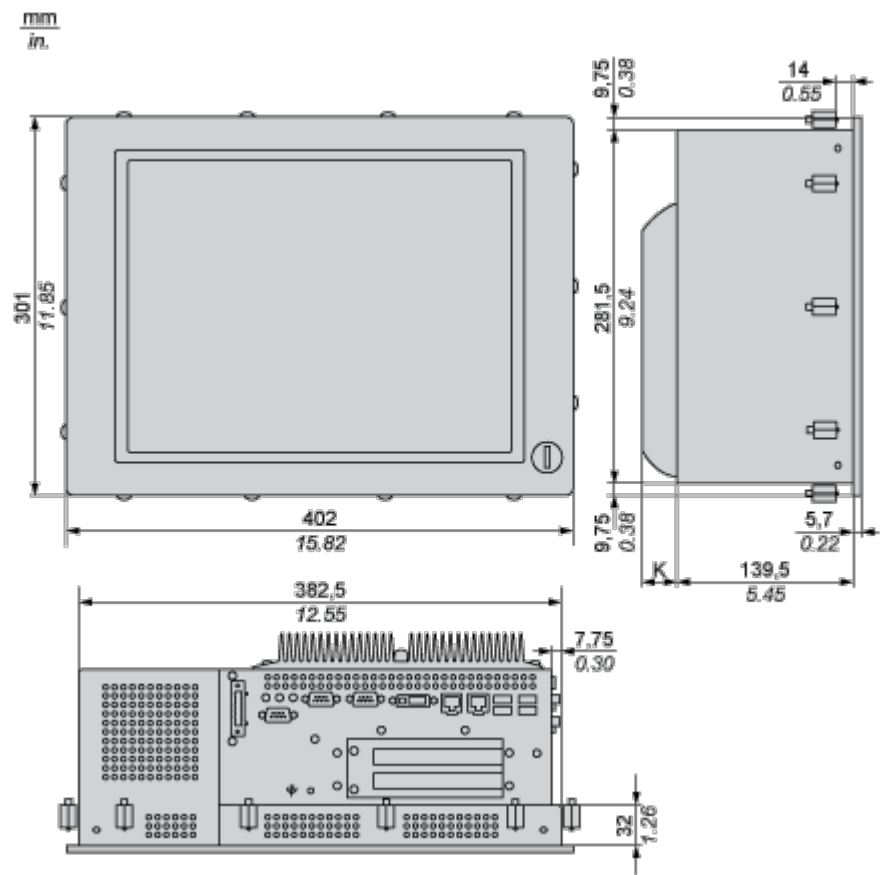
Contractual warranty

Warranty

18 months

Dimensions Drawings

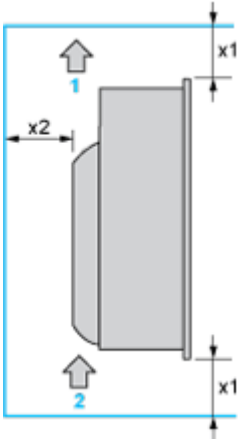
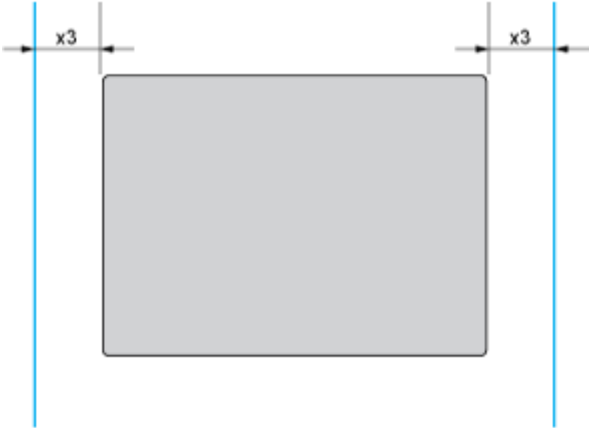
Dimensions



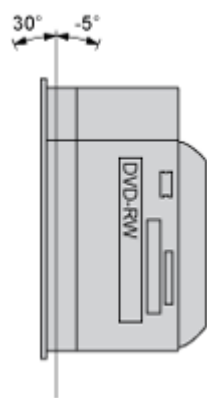
K : 28 mm / 1.10 in.

Mounting and Clearance

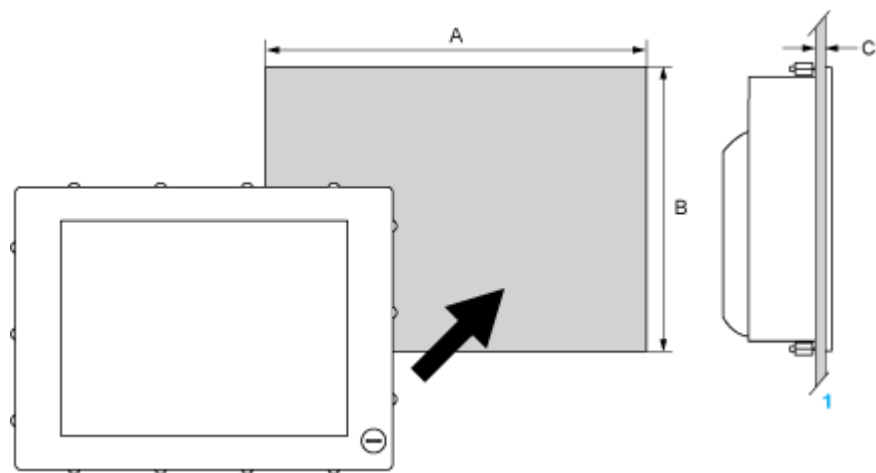
Spacing Requirements

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.)