

Product datasheet

Specifications



Panel PC Universal - Stainless steel - SSD -15"- DC-2 slots - fanless - ATEX

HMIPTF7D2P01

! Discontinued

! Discontinued on: 30 Jun 2016

! End-of-service on: 31 Dec 2020

EAN Code: 3595864156385

Main

Range of product	Harmony iPC
Product or component type	PC panel
Processor name	Atom N270 1.6 GHz L2 cache 512 KB
Chipset type	Intel 945GME at 533 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	MS Windows XP Professional Edition SP3multi-language
Software package	Vijeo Designer run time demo
Bezel material	Stainless steel 304

Complementary

Terminal type	Touchscreen display
Data storage equipment	>= 60 GB Flash disk SSD with MLC technology 2000000 h mtfb
Display resolution	1024 x 768 pixels XGA
Memory type	512 KB SRAM 4 GB RAM DDR3
Type of cooling	Fanless
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	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
Surface finish	Scotch-Brite® finished

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

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 CF system card (DISK)
Width	402 mm
Height	301 mm
Depth	153 mm
Net weight	11.1 kg
Main type	Universal

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

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

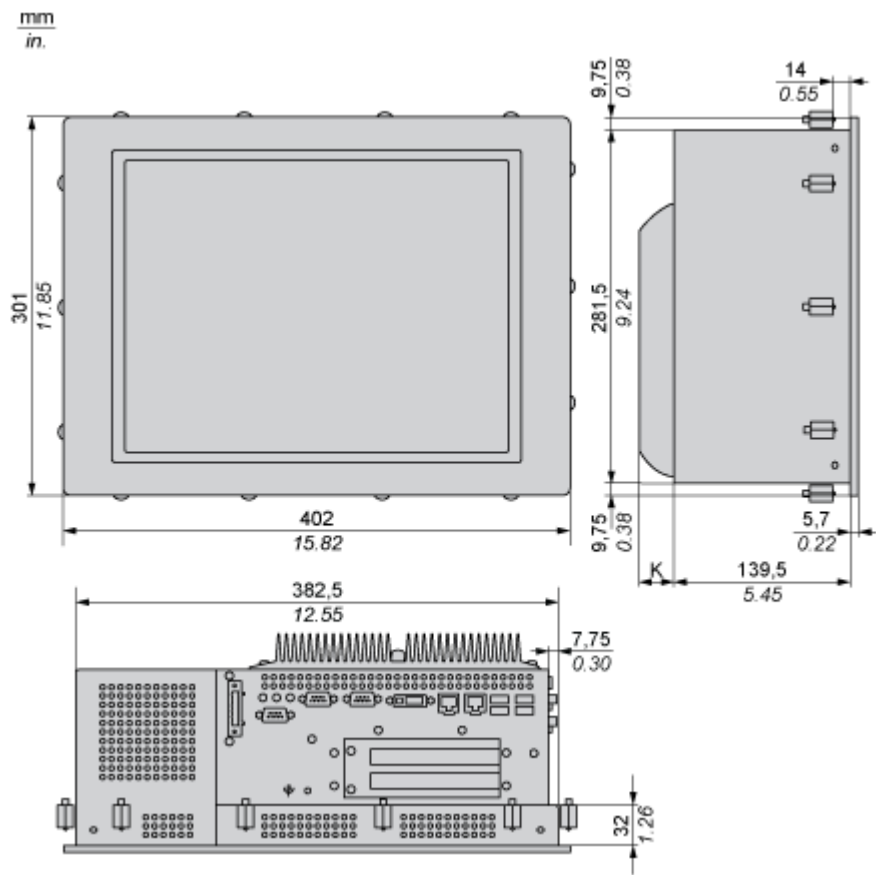
[How we assess product sustainability >](#)

Use Longer

Lifetime extension	
Repair	No

Dimensions Drawings

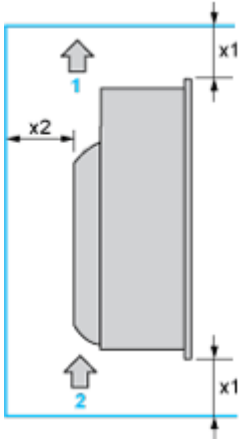
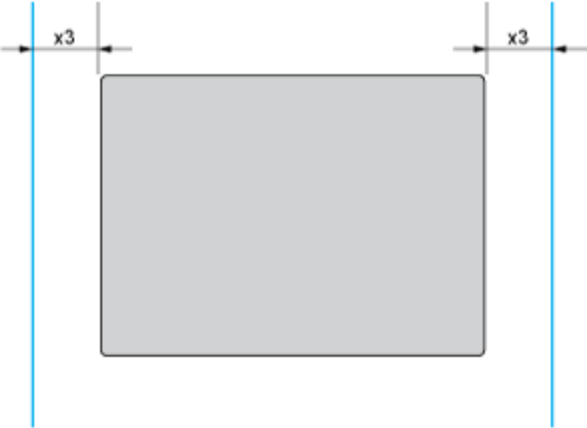
Dimensions



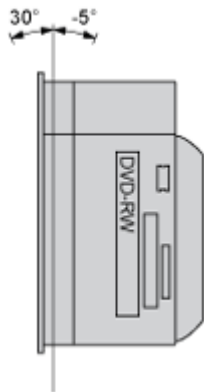
K : 12.8 mm / 0.50 in.

Mounting and Clearance

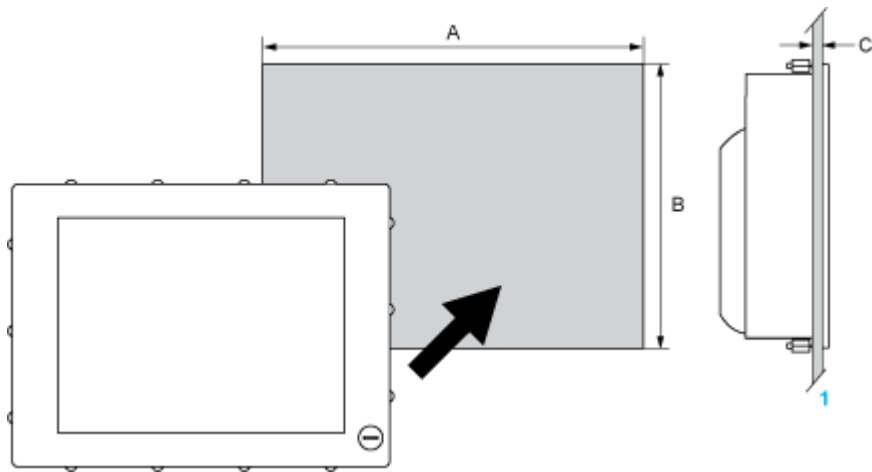
Spacing Requirements

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
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.)