

Product datasheet

Specifications



Panel PC Performance - Flash Disk SSD - 12" - AC - 2 slots - fanless

HMIPPF6A2701

⚠ Discontinued on: 28 Jun 2019

⚠ End-of-service on: 30 Jun 2023

⚠ Discontinued

Main

Range of product	Harmony iPC
Product or component type	PC panel
Processor name	Intel i3 dual core 3rd generation 3217UE cache 3 MB
Chipset type	Intel BD82QM77
Display size	12 inch
Display colour	16 million colours
Luminance	375 cd/m²
Drive type	DVD-RW
Video controller type	Intel HD Graphics 4000
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	>= 60 GB Flash disk SSD with MLC technology 2000000 h mtbf
Display type	Active matrix colour TFT LCD with LED backlight
Display resolution	1024 x 768 pixels XGA
Backlight lifespan	50000 hours at 25 °C
View angle horizontal x vertical	80 x 80°
Touch panel	Analogue resistive
Memory type	4 GB, expandable to 16 GB RAM DDR3
Type of cooling	Fanless
Integrated connection type	2 Ethernet port - RJ45 COM1 serial link - male SUB-D 9 - RS232C (rate: 115 kbit/s)bottom COM2 serial link - male SUB-D 9 - RS232C (rate: 115 kbit/s)bottom DVI video portbottom audio output - mini-jack USB 2.0 type A (rate: 480 Mbit/s)front panel 4 USB 3.0 type A (rate: 5 Gbit/s)bottom
Port Ethernet	10BASE-T/100BASE-T/1000BASE-T
Number of slots	1 PCI 33 MHz 1 PCI express 2 Gbit/s
[Us] rated supply voltage	100...240 V AC power supply

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

Network frequency	45...65 Hz
[In] rated current	0.6...2 A
Inrush current	20 A
Material	Die cast aluminium
Display material	Polyethylene sheet
Fixing mode	Enclosure door: by fixing kit (fasteners included)
Type of installation	Indoor
Control type	ON/OFF push-button (equipment ON and OFF) Push-button (reset)
Local signalling	LED (multi-colour) for power LED (orange) for accessing Flash disk SSD (DISK) LED for link status LED for RUN
Function available	RAID (Redundant Array of Independent Disks)
Width	313 mm
Height	239 mm
Depth	135 mm
Cut-out dimensions	301.5 (+ 1/- 0) x 227.5 (+ 1/- 0) x 1.6...9 mm
Net weight	4.2 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 conforming to EN/IEC 61131-2
Electromagnetic compatibility	Immunity to electromagnetic emissions, class A conforming to EN 55022 Immunity to electromagnetic emissions, class A conforming to EN 55011 Immunity to high frequency interference conforming to EN/IEC 61131-2 Immunity to high frequency interference conforming to EN/IEC 61000-4-x
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 IEC 61132-2 0...45 °C vertical installation when using Gigabit Ethernet with HDD storage device conforming to IEC 61132-2
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 % non-condensing conforming to EN/IEC 60068-2-78 10...85 % non-condensing conforming to EN/IEC 60068-2-30
Operating altitude	2000 m conforming to EN/IEC 61131-2
Vibration resistance	1.75 mm (f = 2...9 Hz) continuous conforming to EN/IEC 60068-2-6 Fc 3.5 mm (f = 2...9 Hz) intermittently conforming to EN/IEC 60068-2-6 Fc 0.5 gn (f = 9...200 Hz) continuous conforming to EN/IEC 60068-2-6 Fc 1 gn (f = 9...200 Hz) intermittently conforming to EN/IEC 60068-2-6 Fc 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

Shock resistance	15 gn for 11 ms conforming to IEC 60068-2-27, Ea tests
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	27.0 cm
Package 1 Width	30.5 cm
Package 1 Length	44.5 cm
Package 1 Weight	7.6 kg
Unit Type of Package 2	S04
Number of Units in Package 2	1
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	7.705 kg



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 Better

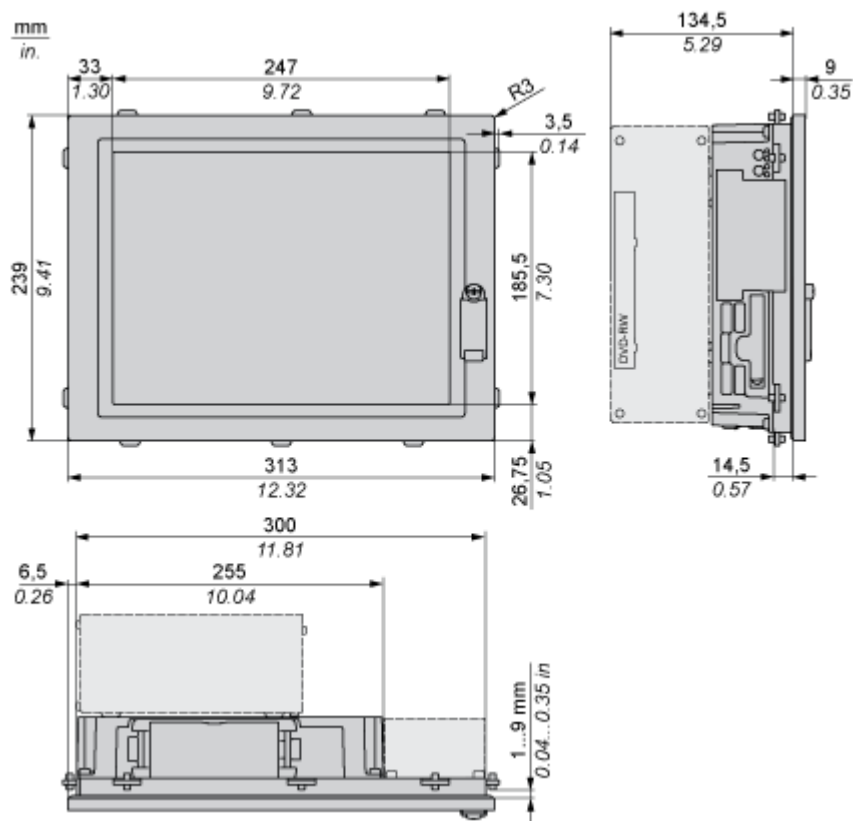
Materials and Substances	
EU RoHS Directive	Compliant

Use Longer

Lifetime extension	
Repair	No

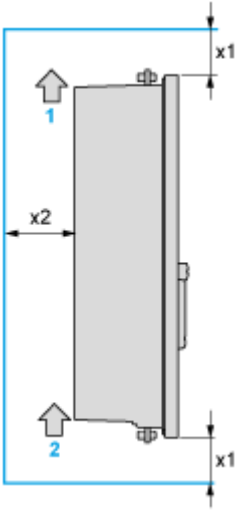
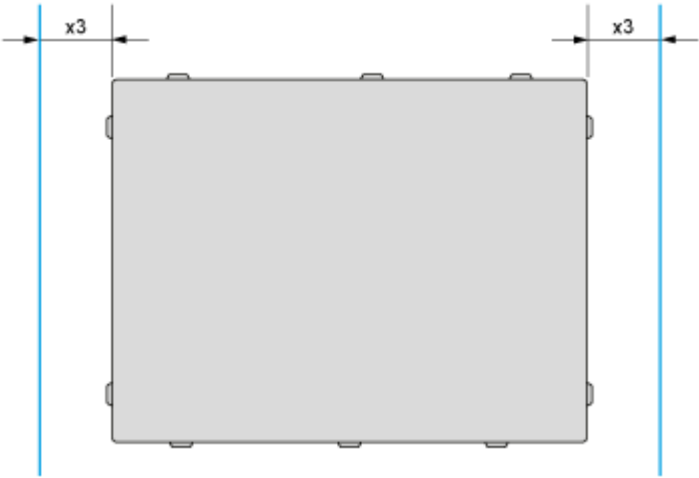
Dimensions Drawings

Dimensions

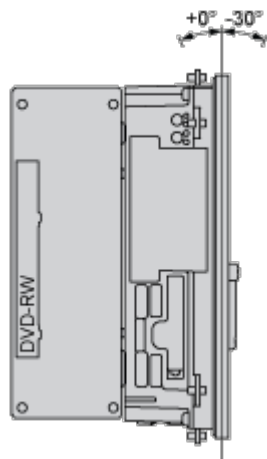


Mounting and Clearance

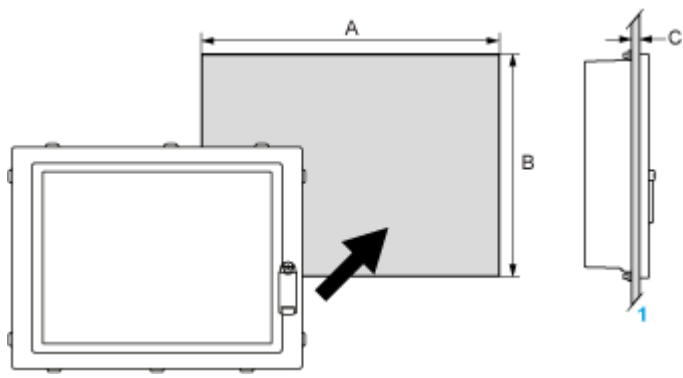
Spacing Requirement

Top, Bottom and Rear Sides	Left and Right Sides
 1 Air out 2 Air in	

Mounting Orientation



Panel Cut Dimensions



1 Installation panel

A	B	C
301.5 +1/0 mm (11.87 +0.04/0 in.)	227.5 +1/0 mm (8.96 +0.04/0 in.)	1.6...9 mm (0.06...0.35 in.)