

Product data sheet

Specifications



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

HMIPPF6A2701

⚠ Discontinued on: Dec 2, 2020

⚠ End-of-service on: Jun 30, 2023

⚠ Discontinued - Service only

Product availability: Non-Stock - Not normally stocked in distribution facility

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	34.8 fc (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 MLC 2000000 h
Display Type	Active matrix colour TFT LCD with LED backlight
Display Resolution	1024 x 768 pixels XGA
Backlight lifespan	50000 hours 77 °F (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 115 kbit/s)bottom COM2 serial link - male SUB-D 9 - RS232C 115 kbit/s)bottom DVI video portbottom audio output - mini-jack USB 2.0 type A 480 Mbit/s)front panel 4 USB 3.0 type A 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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

[Us] rated supply voltage	100...240 V AC power supply
Network frequency	45...65 Hz
Line 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	for power LED (multi-colour) for accessing Flash disk SSD (DISK) LED (orange) for link status LED for RUN LED
Function Available	RAID (Redundant Array of Independent Disks)
Width	12.3 in (313 mm)
Height	9.4 in (239 mm)
Depth	5.3 in (135 mm)
Cut-out dimensions	301.5 (+ 1/- 0) x 227.5 (+ 1/- 0) x 1.6...9 mm
Net Weight	9.3 lb(US) (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 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	32...122 °F (0...50 °C) vertical installation UL 508 32...113 °F (0...45 °C) vertical installation when using Gigabit Ethernet with HDD storage device UL 508 32...122 °F (0...50 °C) vertical installation IEC 61132-2 32...113 °F (0...45 °C) vertical installation when using Gigabit Ethernet with HDD storage device IEC 61132-2
Ambient air temperature for storage	-4...140 °F (-20...60 °C) IEC 60068-2-2 test Bb -4...140 °F (-20...60 °C) IEC 60068-2-14 test Na
Relative Humidity	10...85 % non-condensing EN/IEC 60068-2-78 10...85 % non-condensing EN/IEC 60068-2-30
Operating altitude	6561.68 ft (2000 m) EN/IEC 61131-2

Vibration resistance	1.75 mm 2...9 Hz) continuous EN/IEC 60068-2-6 Fc 3.5 mm 2...9 Hz) intermittently EN/IEC 60068-2-6 Fc 0.5 gn 9...200 Hz) continuous EN/IEC 60068-2-6 Fc 1 gn 9...200 Hz) intermittently EN/IEC 60068-2-6 Fc 1 mm 3...13.2 Hz) continuous EN/IEC 60068-2-6 Fc 0.7 gn 13.2...100 Hz) continuous EN/IEC 60068-2-6 Fc
Shock resistance	15 gn 11 ms IEC 60068-2-27, Ea tests

Ordering and shipping details

Category	US10MC322575
Discount Schedule	0MC3
GTIN	3595864172422
Returnability	No
Country of origin	AT

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.63 in (27.0 cm)
Package 1 Width	12.01 in (30.5 cm)
Package 1 Length	17.52 in (44.5 cm)
Package 1 Weight	16.8 lb(US) (7.6 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	1
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	15.75 in (40.0 cm)
Package 2 Length	23.62 in (60.0 cm)
Package 2 Weight	16.987 lb(US) (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.

[How this information helps you](#) >

Use Better



Materials and Substances

[EU RoHS Directive](#)

Pro-active compliance
(Product out of EU RoHS legal scope)

China RoHS Regulation

[China RoHS declaration](#)

Use Again



Repack and remanufacture

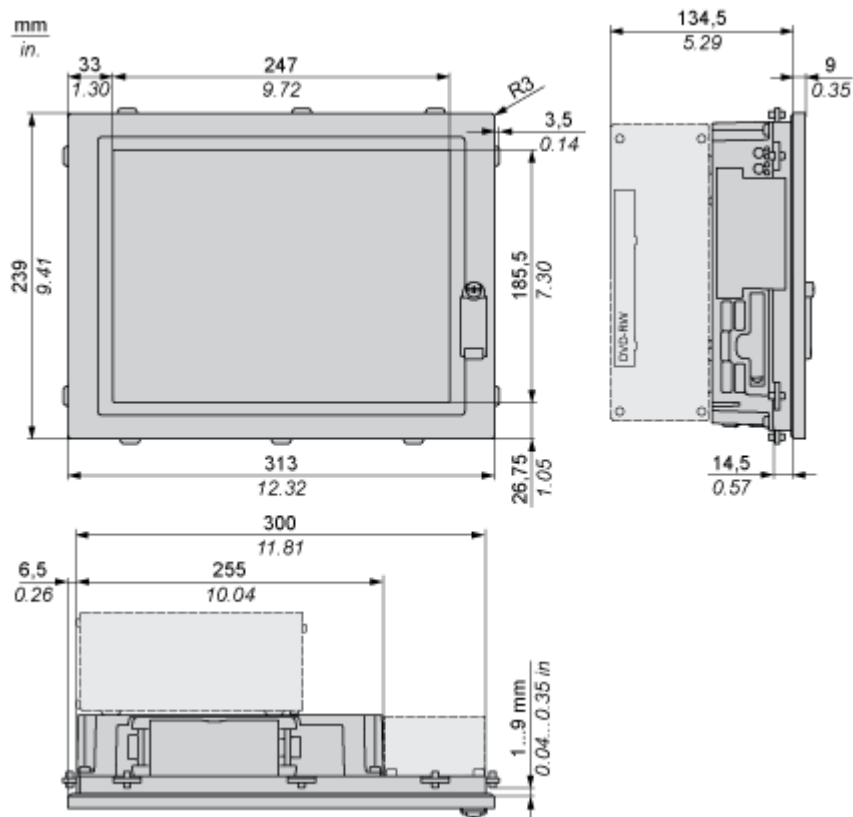
WEEE



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

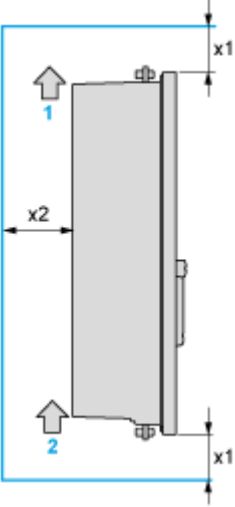
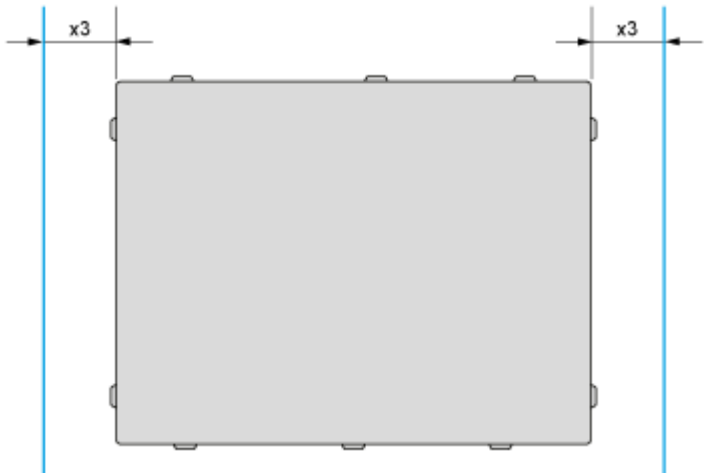
Dimensions Drawings

Dimensions

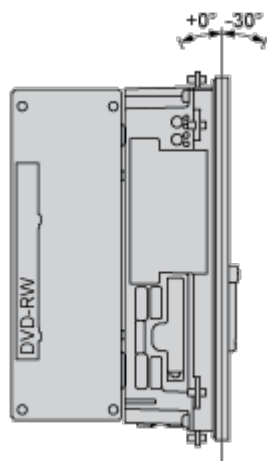


Mounting and Clearance

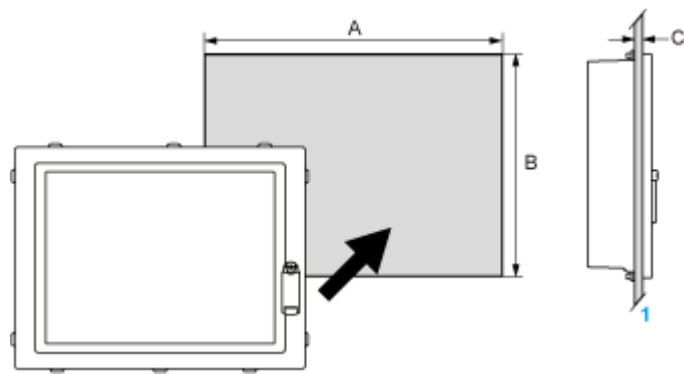
Spacing Requirement

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.)