

Product datasheet

Specifications



12" wide Panel PC, Harmony PSA6,
Intel Atom X7425E with 1.5GHz,
24VDC, 50W

HMIPSA6AED18W11

Main

Range of product	Harmony PSA6
Device short name	All in one Panel PC
Product or component type	Panel PC
Operating system	Windows 11 IoT Enterprise 2024 LTSC 64 bit
Processor name	Intel Atom X7425E at 1500 MHz 4 4
Memory type	8 GB M.2 SSD DDR5
Data storage equipment	128 GB M.2 SSD

Complementary

Display size	12 inch
Aspect ratio	16:9
Display type	TFT LCD screen
Display resolution	1280 x 800 pixels WXGA
Display colour	16 million colours
Touch panel	Projected capacitive technology (PCT)
Backlight lifespan	30000 hours 16 million colours at 25 °C
Integrated connection type	COM1 serial link with 1 plug SUB-D 9, RS232 - 2400...115200 bps on bottom non-isolated COM2 serial link with 1 plug SUB-D 9, RS422/RS485 - 2400...115200 bps on bottom non-isolated USB 3.1 port with 2 USB type A on bottom USB 2.0 port with 2 USB type A on bottom Ethernet with 3 RJ45, 10 BASE-T/100 BASE-TX/1000 BASE-T - 10/100/1000 Mbps on bottom display port with 1 DP on bottom DP++
Number of slots	1 slot(s) for M.2
[Us] rated supply voltage	24 V DC power supply
Power consumption in W	50 W
Inrush current	30 A
Type of cooling	AN (air natural)
Fixing mode	By 4 M4 screws
Device mounting	Panel mounting VESA mounting
Cut-out dimensions	295 (+ 1/- 0) x 217 (+ 1/- 0) mm
Width	307.4 mm
Depth	58.8 mm

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

Height	229.4 mm
Net weight	3.4 kg

Environment

Standards	UL 61010
Product certifications	UL RCM KC UKCA CE
IP degree of protection	IP66 front: IP20 rear:
Ambient air temperature for operation	0...50 °C (with an airflow velocity of 0.6 m/s)
Ambient air temperature for storage	-20...60 °C
Pollution degree	2
Operating altitude	0...2000 m
Vibration resistance	3.5 mm (f = 5...9 Hz) - single amplitude - conforming to IEC 61131-2
Shock resistance	147 m/s² X, Y, Z directions for 3 times conforming to IEC 61131-2

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	37.500 cm
Package 1 Width	19.500 cm
Package 1 Length	43.000 cm
Package 1 Weight	4.990 g
Unit Type of Package 2	P06
Number of Units in Package 2	6
Package 2 Height	103.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	57.000 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 >](#)



Environmental footprint

Total lifecycle Carbon footprint	1 495 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	75 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1 412 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	6 kg CO2 eq.

Use Better



Materials and Substances

F-gas free	Only air and vacuum used for insulation / breaking, no F-gas including SF6
Average percentage of recycled metal content	53 %
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	307efd9b-f27c-4147-8d7d-2e755739c323
Halogen-free status	Product contains halogen above thresholds
PVC free	No
Silicone-free	No

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

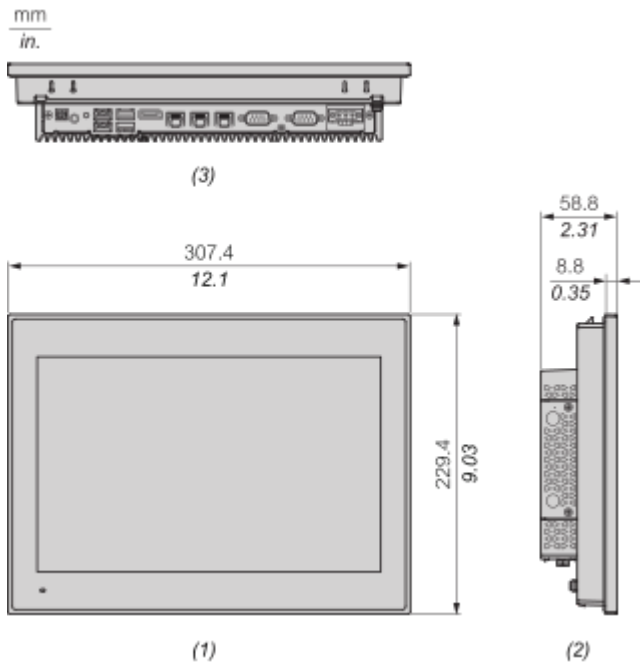
Recyclability potential, in %	62
End of life manual availability	End of Life Information
Removable battery	User replaceable
Take-back	No



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

Dimensions Drawings

External Dimensions (12-inch Wide)

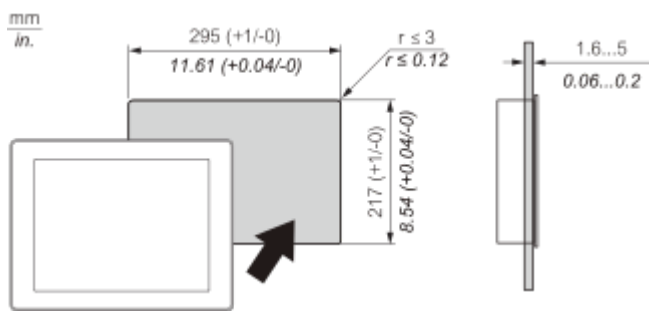


- (1) : Front
- (2) : Left
- (3) : Bottom

Mounting and Clearance

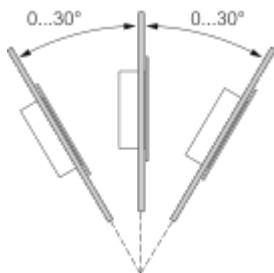
Mounting

Panel Cut Dimensions

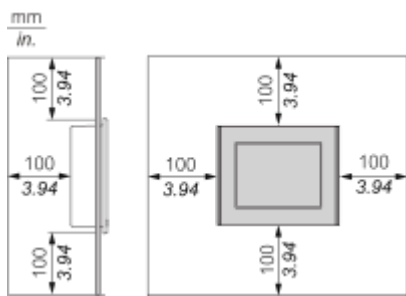


Mounting Angle

When installing this product in a slanted position, the product face should not incline more than 30°.

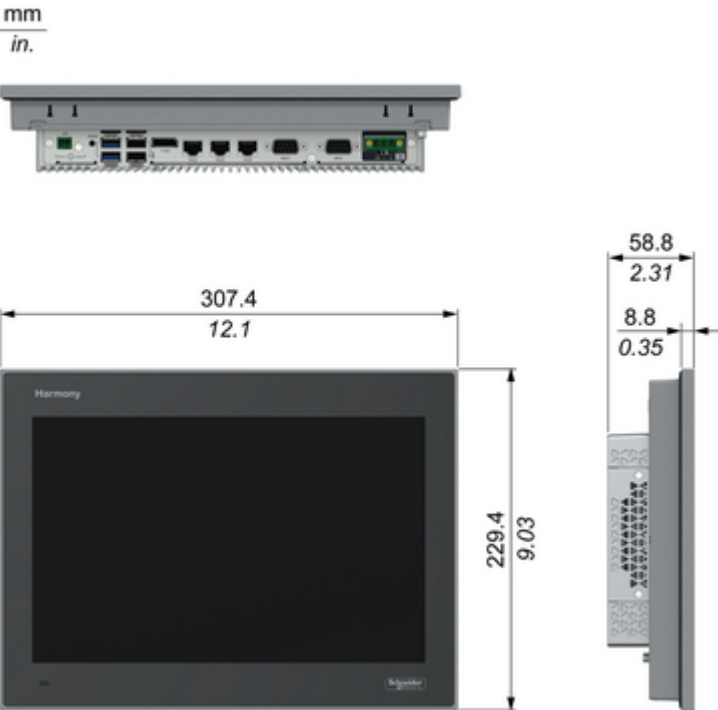


Clearance



Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features

Benefits

Harmony PSA6 – Industrial Panel PC



Powerful

Reliable performance
with advanced CPUs
and latest OS



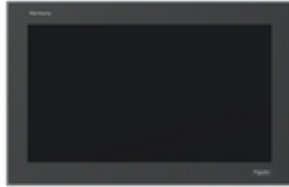
Cost Effective

Value-driven design
for clean
environments



Slim Design

Ideal for constrained space within cabinets



Secure and Durable

Built to secure,
designed to sustain



Versatile

Seamlessly supports
a wide range of
EcoStruxure software



High availability

and global support

Offer Marketing Illustration

Product benefits / Features

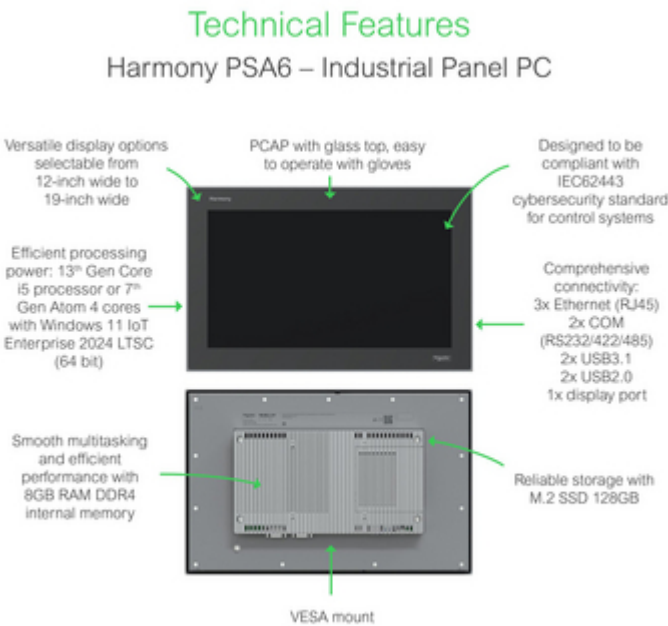


Image of product / Alternate images

Alternative

