

# avocor

## OPS PC

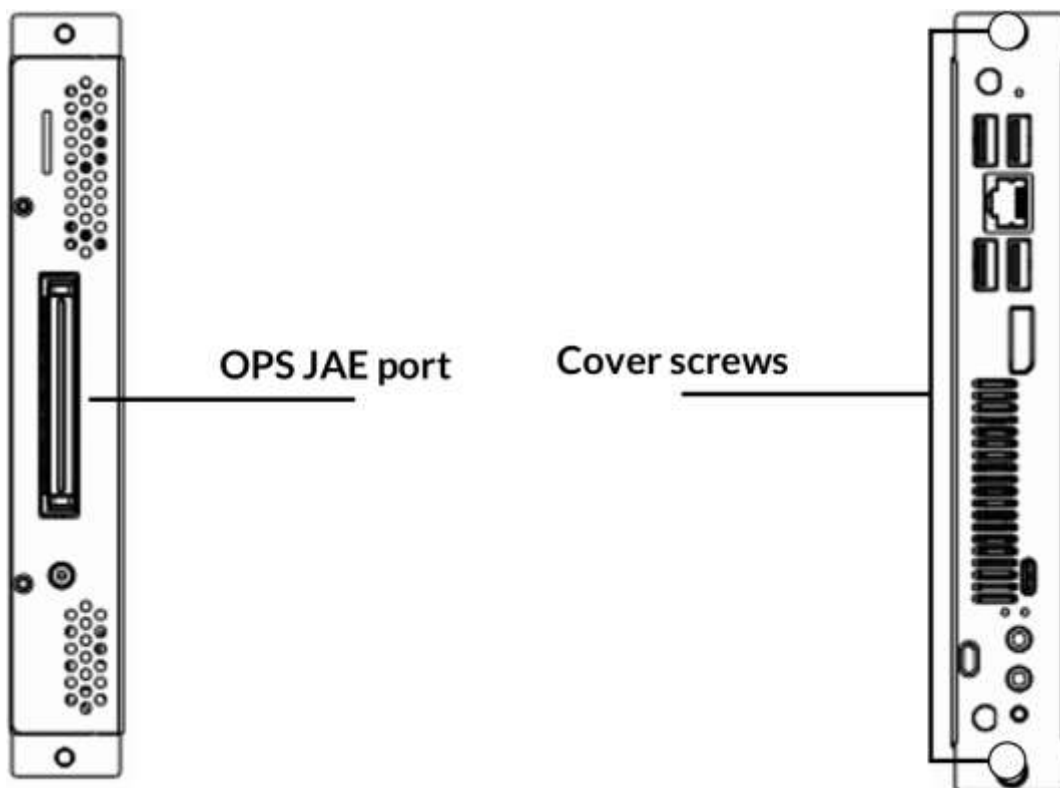
### Quick Start Guide

***Thank you for choosing the Avocor OPS PC. This guide will allow you to better understand the device. Please read through the whole guide carefully before you operate the device.***

## A. Installation to OPS compatible display

Please follow the below sequence to install the OPS PC to your OPS compatible display:

1. Disconnect the display from mains power.
  2. Remove the OPS enclosure cover from the rear/side of the display by unscrewing the 2 fixing screws (please refer to display manufacturer's instructions if necessary).
  3. Slide the OPS PC into the uncovered OPS enclosure until the OPS JAE port makes a connection and the front of the OPS PC is flush with the enclosure's fixing screw holes.
  4. Secure the OPS PC into the display using the cover screws.
  5. Fix the two antennae to the gold coloured terminals by screwing them in. Rotate to adjust position.
  6. Reconnect the display to mains power and switch on.
  7. The OPS PC will start automatically (see Troubleshooting point 7 ).
- Follow onscreen instructions from operating system to continue.



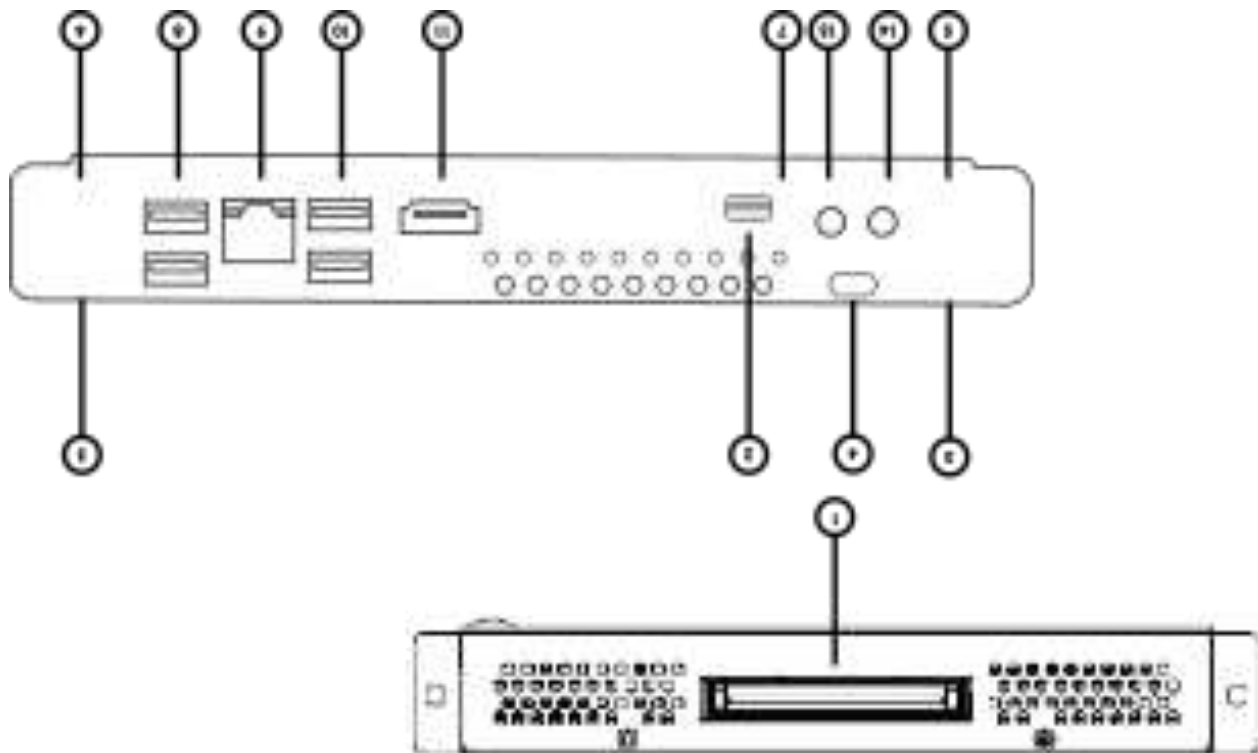
## B. Installation to OPS compatible display

To prevent your OPS PC from being damaged and to ensure your personal safety, please carefully read this Quick Start Guide and follow the instructions. You should keep this guide safe for future reference.

- Please observe all alarm information and marks on safety.
- Please do not use any 3rd party power adapter. If you require a secondary power adapter for non-OPS JAE port use, contact your seller.
- During electrostatic storms (thunder and lightning), do not plug or unplug the phone cable, network cable, power cord or other conductors connecting outside your building.
- Unplug the power cord before you clean the device. Never use liquid, sprayed cleaning agent or anything wet to clean the product.
- In order to protect the operating system, motherboard and hard drive, do not press the power switch or the reset key unnecessarily. To shut down the OPS PC, please use the procedure relating to your operating system. Do not remove the shell or attempt to repair the product without permission.
- Keep the OPS PC away from heat sources and direct sunlight. Never block the heat vents. Cover screws OPS JAE port
- Keep the OPS PC away from moisture. Never spill water or other liquid on it. You should contact your technical support professional under the following circumstances:
  - The power cord or plug becomes damaged.
  - Liquid enters the product.
  - The product is dropped onto the ground, or its chassis is damaged.
  - If unidentified errors occur or the product performs in an unexpected way, please switch off the power before contacting support

## C. Box contents

OPS PC	x 1
WiFi antennae	x 2
Quick Installation Guide (this document)	x 1
M3 Screws (for securing OPS into display)	x 2
M4 Screws (for securing OPS into display)	x 2



## D.Port guide

Port	Description	Usage
1	OPS JAE port	Cableless connector carries power, video, audio and USB
2	USB 3.1 Port	Connect USB 3.1 devices
3	Wi-Fi antennae	2 x antennae included (require installation)
4	Lock	Kensington lock compatible
5	Power switch	Start the PC
6	Reset	Reset the PC
7	Power LED	On/off indicator
8	USB 2.0 Port	Connect USB 2.0 / 1.1 devices
9	LAN	Connect Ethernet
10	USB 3.1 Port	Connect USB 3.0 devices
11	HDMI Port	Connect alternative or second display
12	Mic-in	Connect audio output & microphone devices
13	Line Out	Connect audio output & microphone devices

## E. Power Supply

In order to avoid personal injury and ensure the normal operation of the system, please make sure the AC power you provide conforms to the specifications described on the sign at the back of the adapter. Use grounding. In three-core receptacle and reliable addition, you should also make sure the voltage from your local power matches the respective rated value of the monitor and other external equipment. It is recommended you power the OPS PC by plugging it into an OPS JAE port in a compatible large display. If this is not possible, you should only use the appropriate external power adapter which can be obtained from your seller as an optional extra. If, under some special circumstances, you cannot use an approved adapter, you must use an adapter with the same specification.

### Input Characteristics

The range of input voltage is from 90Vac to 264Vac with a single phase.

	Min.	Rating	Max.
Input Voltage	90Vac	100Vac ~ 240Vac	264Vac
Input Frequency	47Hz	60Hz/50Hz	63Hz

### Output Characteristics Static Output Characteristics

Output	Rated Load		Output Range	Ripple & Noise	Remark
Rating	Min.	Max.			
+19.0V	0A	4.74A	±5%	350mVp-p	

## F. Troubleshooting

OPS PC has been thoroughly tested before delivery. It can provide long continuous working period and should rarely, if ever, fail. You may occasionally encounter some simple problems with setup, operation or system compatibility when you use the product. In this section, we will help you with how to identify the cause of a failure and how to solve each problem.

1. PC has no reaction after the host is powered on. Make sure the power is supplied to the host and the monitor and check the power supply is in its normal running state. If the hardware has been upgraded, make sure the new hardware is properly and reliably installed. Check whether all signal cables are properly connected, including cables between the OPS PC and host, and mouse and system.
2. System suddenly shuts off. Please check whether the power supply is cut off, or the power adapter is firmly inserted.
3. OPS PC stops responding. Windows: press to terminate the program whose response is stopped. If the system can't be restored after a long time, you should press the power switch on the system to turn off the PC, wait 30 seconds, and then press again to restart. Check whether any newly installed hardware (i.e. display) is compatible with your system.
4. Sound disappears abruptly. Check the connection between OPS PC and speaker/amplifier. Check connection from your amplifier to speakers if applicable. Check your operating system has the correct playback device enabled. Check you haven't got it on mute.
5. Can't access the Internet. Check whether the network cable is properly connected, or your wireless router is running normally. Check whether the driver for the network port is properly installed, and the related parameters are correctly set. Finally, make sure your ISP service is still valid.
6. PC does not recognize USB devices or USB devices don't run normally. Check whether these devices are properly installed (or the power is turned on), or the latest version of the drive for the device is installed.
7. Display does not show OPS PC video. On display, select the appropriate AV input. It will be listed as OPS, JAE, HDMI or DP/ DisplayPort, often with a numerical suffix.

## **Note:**

- Illustrations are for reference only. Ports, locations, and chassis colour may vary with different models.
- Always remove the AC power by unplugging the power cord from the power outlet before installing any hardware components.

## **Caution:**

- Risk of explosion if any battery is replaced with an incorrect type. Dispose of used batteries according to instructions.

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