

ATCA-8330 Quick Start Guide

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1 What's in the box?

Make sure you receive all items of your shipment:

- One ATCA-8330 blade
- One printed copy of *Quick Start Guide* (this document)
- One printed *Safety Notes Summary*
- Any optional items ordered



When installing or servicing the module or accessories, strictly observe the safety precautions in the *Safety Notes Summary*. Otherwise, personal injury or property damage may occur.

2 Observe ESD-safe measures

- Use either a properly grounded ESD wrist strap or make sure that you are working in an ESD-safe environment.
- Connect to the ESD connector at the front or the rear of the system.

3 Prepare the installation site

- For information on the environmental and power requirements, see the *ATCA-8330 Installation and Use* manual.
- Operating temperatures refer to the temperature of the air circulating around the blade and not to the actual component temperature.

4 Install the DIMM

Notes:

- Some blade variants come with the DIMM already installed.
 - For thermal safety concerns, no 4-rank DIMMs and stacked DIMMS are allowed.
1. If necessary, remove the blade from the system.
 2. Open the locks of the memory module socket.
 3. Press the memory module carefully into the socket. As soon as the memory module is fully inserted, the locks automatically close.
 4. If necessary, repeat steps 2–3 to install additional memory modules.

5 Install the MO-297 SSD module

1. Remove the blade from the system.
2. Plug the MO297 SSD module into the MO297 connector. When inserting the MO297 module to the on-board connector, hold the on-board connector with two fingers to prevent damage to the connector.
3. Fasten the MO297 SSD module to the blade using the screws supplied with the ACC kit. The two screws M1.6x4mm with Nylon Patch come with the module.
4. Reinstall the blade into the system.



6 Install the Blade

The following procedure assumes that the system is powered. If it is unpowered, you can disregard the blue LED and skip its respective step.

1. Ensure that the top and bottom ejector handles are in the outward position by squeezing the lever and the latch together.
2. Insert the blade into the shelf by placing the top and bottom edges of the blade in the card guides of the shelf. Ensure that the guiding module of the shelf and blade are aligned properly.
3. Squeeze the lever and the latch together and hook the lower and the upper handle into the shelf rail recesses.
4. Fully insert the blade and lock it to the shelf by squeezing the lever and the latch together and turning the handles towards the face plate.
5. If your shelf is powered, as soon as the blade is connected to the backplane power pins, the blue LED is illuminated. When the blade is completely installed, the blue LED starts to blink. This indicates that the blade announces its presence to the shelf management controller.

Note: If an RTM is connected to the front blade, make sure that the handles of both the RTM and the front blade are closed in order to power up the blade's payload.

6 Install the Blade (cont.)

6. Wait until the blue LED is switched off, then tighten the face plate screws which secure the blade to the shelf. The switched off blue LED indicates that the blade's payload has been powered up and that the blade is active.
7. If necessary, connect cables to the face plate.

7 Install the DSP-Module

Note:

- Some blade variants may come with DSP modules already installed.
 - The DSP-modules are sitting very close next to each other. When extracting and inserting modules take extra care not to damage modules by sliding across neighbor slots.
1. If necessary, remove the blade from the system.
 2. Remove the 6 screws of the DSP area cover and remove the cover.
 3. Open the locks of the DSP module socket.

7 Install the DSP-Module (Cont.)

4. Press the DSP module carefully into the socket. As soon as the DSP module is fully inserted, the locks automatically close.
5. If necessary, repeat steps 3–4 to install additional DSP Modules.
6. Put the DSP area cover back on and secure it by properly fastening the 6 screws again.

Finding more information

For more information on the product, see the *ATCA-8330 Installation and Use* and other related documentation.

Go to <http://www.artesyn.com/computing> for technical documentation.

Technical Assistance

To request technical assistance, visit <http://crcportal.artesyn.com/>