

# ATCA-7490 Quick Start Guide

P/N:6806800U13A (May 2016)

## 1 What's in the box?

Make sure you receive all items of your shipment:

- One ATCA-7490 blade.
- One printed copy of *Quick Start Guide (this document)*.
- One printed copy of *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-7490 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

1. 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 get closed.
4. If necessary, repeat steps 2 and 3 to install additional memory modules.

### Note:

- Some blade variants come with the DIMM already installed.
- For thermal safety concerns, no 4-rank DIMMs and stacked DIMMS are allowed.
- For information about Installing the Blade Accessories, refer to *ATCA-7490 Installation and Use* manual.



### 5 Install the MO-297 SSD module

1. Remove the blade from the system.
2. Assemble the MO-297 SSD modules with the ATCA-7480-MMOD Carrier Kit, plug the assembly onto the SSD connector on the board, and screw the assembly in place.
3. Reinstall the blade into the system.

**Note:** For more information on installing, refer to *ATCA-748X MMOD-SSD-KIT Quick Start Guide*.

### 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. Slide the latch into the release position and pull out the handle outward to unlatch the handle from the faceplate. Do not rotate the handle fully outward.
2. Insert the blade into the shelf by placing the top and bottom edges of the blade in the card guides of the shelf. Make sure that the guiding module of shelf and blade are aligned properly.
3. Apply equal and steady pressure to the blade to carefully slide the blade into the shelf until you feel resistance. Continue to push the blade gently until the blade connectors and handles engage.

### 6 Install the Blade (Contd.)

4. Fully insert the blade and push the handle towards the faceplate. The latches automatically slide inwards and lock the handles. If the 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 has signified its presence to the shelf management controller.

**Note:** You should check that the hot swap latch has properly slid into the locked position, if the blue LED does not start flashing. The latch with the hot swap switch is located in the bottom latch.

5. Wait until the blue LED is switched off and then fasten the faceplate screws, which secure the blade to the shelf. When the blue LED is switched off and the green LED (IS) is switched on, this indicates that the payload has been powered up and the blade is active.
6. Connect cables to the faceplate, if applicable.

**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.

#### Finding more information

For more information on the product, refer to the *ATCA-7490 Installation and Use* manual and other related documentation.

Go to [www.artesyn.com/computing/support/product/technical-documentation.php](http://www.artesyn.com/computing/support/product/technical-documentation.php) for technical documentation.

#### Technical Assistance

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