

# ATCA-7180/ATCA-7181 Quick Start Guide

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## 1 What's in the box?

Make sure you receive all items of your shipment:

- One ATCA-718x blade
- One RTM-ATCA-7180
- One printed copy of *Quick Start Guide* (this document)
- One printed *Safety Notes Summary*
- Any other 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 your ESD wrist strap to the ESD connector at the front or the rear of the system.

## 3 Checking installation environment

- Leave enough space around the cabinet. Prevent air blocking of fans and provide controlled ambient air at shelf air-inlet to ensure sufficient airflow and appropriate heat exchange in the shelf.
- Consider heat dissipation when you choose slots to install blades. If the shelf is not fully configured, install the blades in scattered slots. Unoccupied slots must be protected with appropriate blank filler blades to prevent air leaks.

## 4 Install RTM-ATCA-7180

The following procedure describes the installation of RTM-ATCA-7180. It assumes that your system is powered on. If your system is powered off, you can disregard the blue LED and thus skip the respective step. In this case it is a purely mechanical installation.

1. Wear the ESD-preventive wrist strap.
2. Take RTM-ATCA-7180 out of the anti-static package.
3. Fully open the upper and lower ejector handles of the RTM.
4. Align the upper and lower sides of RTM-ATCA-7180 with the guide rails (the edges of the slot). Slide RTM-ATCA-7180 along the guide rails until the positioning pins of RTM-ATCA-7180 are inserted in the positioning holes in the shelf.
5. Use a screwdriver to fasten the captive screws clockwise to fix RTM-ATCA-7180. The LEDs of the RTM are off.
6. Connect the respective cables.
7. Make sure that the handles are in the open position.



### 5 Install ATCA-718x

The following procedure describes the installation of ATCA-718x. It assumes that your system is powered. If your system is unpowered, you can disregard the blue LED and thus skip the respective step. In this case it is a purely mechanical installation.

1. Wear the ESD-preventive wrist strap.
2. Take the ATCA-718x out of the antistatic package.
3. Fully open the upper and lower ejector handles.
4. Slide the ATCA-718x along the guide rails until the positioning pins of the ATCA-718x are inserted in the positioning holes in the shelf.
5. Use the screwdriver to fasten the screws to fix the ATCA-718x.
6. Make sure that the upper and lower ejector handles are attached to the beam properly. On the ATCA-718x and RTM-ATCA-7180: The HOTSWAP LEDs are blue. On the ATCA-718x, the OOS and IS LEDs are red for a short time. Then the OOS and IS LEDs on the ATCA-718x and RTM-ATCA-7180 blink for 10 times simultaneously, the OOS LED blink red and the IS LED blink green. Then the OOS and IS LEDs are off.

### 5 Install ATCA-718x(Contd...)

7. On the RTM: Make sure that the ejector handles are fastened to the beam. Close the upper and lower ejector handles.

### 6 Power on the blade

- Close the upper and lower ejector handles.
- The HOTSWAP LED blinks at the short blink rate and then the HOTSWAP LEDs on the ATCA-718x and RTM-ATCA-7180 switch off. When the OOS is on (red) and the HOTSWAP LED is off, the ATCA-718x is powered on properly.

#### Finding more information

For more information on the product, see the *ATCA-7180/ATCA-7181 Installation and Use* 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 our Web site <http://www.artesyn.com>