

# COMX-315-ET Quick Start Guide

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## 1 What's in the box?

Make sure you receive all items of your shipment:

- One COMX-315-ETCOM Express Module
- One printed copy of *Quick Start Guide* (this document)
- One printed copy of *Safety Notes Summary*
- Any other optional items that you 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 *COMX-315-ET Installation and Use* manual.
- The COMX-315-ET module must be in good condition, without defects such as oxidation, chemical corrosion, missing components, or transportation damage.
- Confirm the position where the COMX-315-ET module will be installed.

## 4 Install the heat sink on COMX-315-ET

1. Remove the protection material from the Thermal Interface Material (TIM) attached at the bottom of the heat sink.
2. Line up the heat sink with the four mounting holes of COMX-315-ET that are reserved for hosting the heat sink.
3. From the back side of the module, locate the screw holes for assembling the heat sink.
4. Use the corresponding screws to fasten the heat sink to the module.



### 5 Install COMX-315-ET (with heat sink) on the carrier board

1. Line up the board-to-board connector of the COM Express module with the board-to-board connector of the carrier board.
2. Make sure that the interconnectors are properly aligned and the required carrier standoffs have contact with the bottom of the module board.
3. From the top side of the COM Express module, locate the module mounting holes.
4. Use the corresponding screws to fasten the COM Express module assembly to the carrier board.

### 6 Install COMX-315-ET and heat spreader on the carrier board

1. Line up the board-to-board connector of the COM Express module with the board-to-board connector of the carrier board.
2. Make sure that the interconnectors are properly aligned and that the bottom surface of the COM Express module have contact with the four standoffs on the carrier board.
3. Remove the protection material from the Thermal Interface Material (TIM) attached at the bottom of the heat spreader.
4. Place the heat spreader on top of the module and ensure that the heat spreader and COM Express module mounting holes are properly aligned.
5. From the top side of the COM Express module assembly, locate the screw holes on the heat spreader.
6. Use the screws to fasten the COM Express module assembly to the carrier board.

#### Finding more information

For more information on the product, see the *COMX-315-ET 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>