

COMX-CAR-210 Quick Start Guide

P/N:6806800L15B (August 2014)

1 What's in the Box?

Make sure you receive all items of your shipment:

- One COMX-CAR-210
- 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-CAR-210 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 Installation of the Heat Spreader/Heat Sink

1. Check the thermal interface material pads on the heat spreader/heat sink. Make sure the pads are aligned to their corresponding components on the COM Express module.
2. Align the standoffs of the heat spreader/heat sink with the screw holes on the COM Express module.
3. Hold the heat spreader/heat sink and the COM Express module together, and then turn them over.
4. Attach the heat spreader/heat sink to the COM Express module by using the standoffs (male/female type).



5 Installation of the COM Express Module

The assembled COM Express module with the attached heat spreader is attached to a carrier board.

Installing the COM Express Module 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 COMX-CAR-210.
2. Make sure that the interconnectors are properly aligned and that the seven standoffs have contact with the top of the COMX-CAR-210.
3. Turn over the COMExpress module and the COMX-CAR-210.
4. From the backside of the COMX-CAR-210, locate the screw holes.
5. Use the screws to fasten the COMExpress module assembly to the COMX-CAR-210.

Finding more information

For more information on the product, see the *COMX-CAR-210 Installation and Use* and other related documentation.

Visit our Web site <http://www.artesyn.com/computing>. Use SUPPORT>TECHNICAL DOCUMENTATION link to look for technical documentation.

Technical Assistance

To request technical assistance, visit our Web site <http://www.artesyn.com/>