

COMX-CAR-212 COM Express Carrier Board Quick Start Guide

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1

What's in the box?

Make sure you receive all items of your shipment:

- One COMX-CAR-212 COM Express Carrier Board
- One SATA cable
- One serial header to DB9 breakout cable
- One I/O shield
- One driver CD
- 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-212 COM Express Carrier Board 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 COM Express module (with Thermal Solution) 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 screw holes on the module.
4. Use the corresponding screws to fasten the COM Express module assembly to the carrier board.



5

Install the COM Express module 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 the required carrier standoffs have contact with the bottom of the module 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-CAR-212 COM Express Carrier Board Installation and Use* and other related documentation.

Go to www.artesyn.com/computing/support/product/technical-documentation.php for technical documentation.

Technical Assistance

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