

MITX-CORE-820 Quick Start Guide

P/N:6806800M44E (July 2014)

1 What's in the box?

Make sure you receive all items of your shipment:

- One MITX-CORE-820 blade
- Printed Quick Start Guide
- Printed Safety Notes Summary
- Two SATA power cables
- Two SATA data cables
- Driver CD
- I/O Shield



When installing or servicing the module or accessories, strictly observe the safety precautions in the Safety Notes. 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 *MITX-CORE-820 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 Memory Module

Notes:

- The MITX-CORE-820 supports up to 16 GB dual-channel, non-ECC, unbuffered DDR3 SO-DIMM
- For thermal safety concerns, no 4-rank DIMMs and no dual-die DIMMs are allowed.

1. Wear the ESD-preventive wrist strap.
2. Lay the MITX-CORE-820 on the anti-static desktop.
3. Take the SO-DIMM out of the anti-static package holding it by the edges.
4. Line up the notch located on the row of the metal pins at the bottom of the module with the key in the SO-DIMM slot on the motherboard.
5. Insert the SO-DIMM at a 45° angle and slide the module into place.
6. Press the module against the motherboard until it snaps into place. The modules must be properly aligned before pressing it down into its final position. Remove the module from the socket and reinstall it if it cannot be pressed down to its final position.



5 Install the Processor Cooler

1. Wear the ESD-preventive wrist strap.
2. Take the processor cooler and the backplate out of the antistatic package.
3. Prepare the backplate by taking off the protective film to reveal the glue layer.
4. Align the backplate to the motherboard. The screw holes on the backplate should fit exactly over the holes on the motherboard. Make sure the glue layer of the backplate does not touch any other part of the motherboard.
5. Place the cooler on the backplate and secure it with the provided screws.
6. Plug the fan header into the fan connector of the motherboard.

Finding more information

For more information on the product, see the *MITX-CORE-820 Installation and Use* and other related documentation.

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

Technical Assistance

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