

MVME3100 Quick Start Guide

P/N:6806800M29B (May 2014)

1 What's in the box?

Make sure you receive all items of your shipment:

- MVME3100 board
- Other items that were ordered
- Printed *Safety Notes*



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 your ESD wrist strap 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 *MVME3100 Installation and Use* manual.

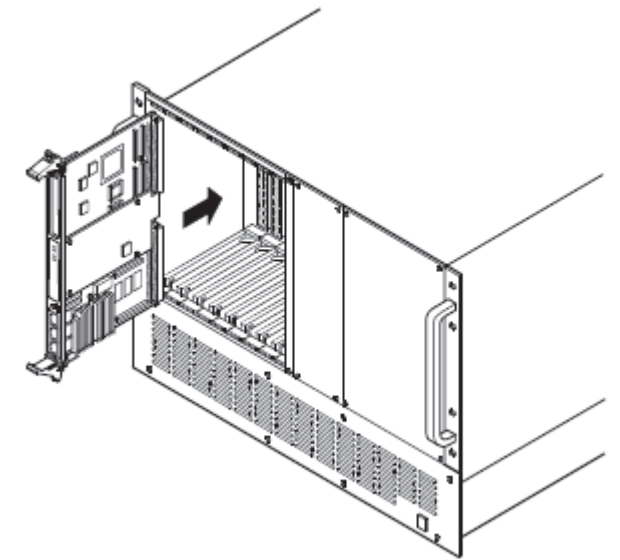
4 Configure the hardware

To produce the desired configuration and ensure proper operation of the MVME3100, you may need to carry out certain hardware modifications before installing the module.

For more information, refer to *MVME3100 Installation and Use*.

5 Install the MVME3100 board

1. Remove the filler panel filling the slot on the chassis.
2. Install the top and bottom edge of the MVME3100 into the guides of the chassis.



3. Ensure that the levers of the two injector/ejectors are in the outward position.
4. Slide the MVME3100 into the chassis until resistance is felt.
5. Verify that the MVME3100 is properly positioned and secure it to the chassis using the two screws located adjacent to the injector/ejector levers.
6. Connect the appropriate cables to the MVME3100.



6 Connect the peripherals

When the MVME3100 is installed in a chassis, connect the peripherals.

The following table lists the available connectors on MVME3100.

Table 1: MVME3100 Connectors

Connector	Function
J4	PMC expansion connector
J11, J12, J13, J14	PCI mezzanine card (PMC) slot 1 connector
J21, J22, J23	PCI mezzanine card (PMC) slot 2 connector
J24	Boundary scan header
J25	COP header
J27	USB connector
J28	Front panel SATA connector
J29	Planar SATA connector
J30	Planar SATA power connector
J41B	10/100/1000Mb/s Ethernet connector
J41A	COM port connector
P1, P2	VME backplane connectors
J1A, J1B, J1C, J1D	COM port connectors
J2A	10/100/1000Mb/s Ethernet connector
J2B	10/100Mb/s Ethernet connector
J10	PIM power/ground
J14	PIM I/O
P2	VME backplane connector

7 Complete the installation

1. Verify that the board is installed and the power/peripheral cables connected are appropriate for your system configuration.
2. Replace the chassis or system cover, reconnect the system to the AC or DC power source, and turn the

Finding more information

For more information on the product, see the *MVME3100 Installation and Use* and other related documentation.

Visit our Web site <http://www.artesyn.com/computing>. Use the Product Search link to look for technical documentation.

Technical Assistance

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