

# Quick Start for Marvell's DB-64360-BP Evaluation Board

This document will help you quickly and successfully assemble all the modules and power up Marvell's DB-64360-BP evaluation board. Please read this document thoroughly before you start any installation. There are few items that you will need in addition to the DB-64360-BP that are not provided in the evaluation board package.

These are the items that you also need:

1. Null modem serial cable.
2. ATX power supply.
3. HyperTerminal software (you can find this on all Windows OS).
4. Ethernet cable if you plan to use VxWorks BSP later.

The following are the step-by-step guide:

1. Install EV-DEVICES-D144 module into DB-64360-BP's SO-DIMM connector, CON12. (Hint: Hold the module at 45 degree angle and insert it all the way into the connector, then gently press the module toward DB-64360-BP until you see the side clips locked. You should hear the "click" sound when it locked).
2. Install the fan into the CPU module. (This step only applicable to those CPU requires a cooling fan).  
**NOTE: DO NOT REMOVE THE CPU FROM ITS SOCKET.**
3. Install memory DIMM(s) into DB-64360-BP's memory DIMM sockets, CON17. The module and its socket are keyed. Observe the key on the module and the socket. Firmly install the module into the socket and make sure that the thumb ejectors are snapped tight in the knot on each side of the DIMM.
4. Make sure that the power supply switch and DB-64360-BP power switch (SW1) is in the OFF position.
5. Connect an ATX power supply connector to DB-64360-BP's power supply connector, CON23.
6. Connect CPU's fan to an ATX power supply auxiliary connector. (This step only applicable to those CPU requires a cooling fan).
7. Connect one end of a NULL modem cable to DB-64360-BP's serial connector, CON16.
8. Connect the other end of a NULL modem cable to a serial communication port of a PC that you will HyperTerminal to communicate to the board.





```
md 0xc0000-d0000 <Enter>
```

Block Write Access: If you want to write a block of memory from 0xc0000 to 0xd0000 with 0xbaddbeef, type “fill c0000 d0000 baddbeef” then press <Enter> as follow:

```
fill c0000 d0000 baddbeef <Enter>
```

14. For more detail, please refer to DB-64360-BP user’s manual.