



RELEASE NOTE

BIANCA/BRICK-XM

06.11.1996

Memory Upgrade to 8MB

The BIANCA/BRICK-XM's system memory can now be upgraded to 8 MB. This Release Note contains important information on performing this upgrade.

What's required

To perform the upgrade, the following items are required:

- An 8 MB SIMM (single inline memory module).
- A new hardware logic image: **logik_17.xm**

What's optional

Note that upgrading the BRICK-XM's system memory is independent of the software running on the BRICK, however, optimal performance is best achieved when used with the most recent system software. The most current images are:

- **bmon_431.xm** Newest BOOTmonitor image.
- **brk_431.xm** Newest system software image.

Where to get it

The required/optional software images (logik_17.xm, bmon_431.xm, and brk_431.xm) are available from BinTec Communications directly or through your local distributor.

Note that only 8 MByte SIMM modules supplied by BinTec Communications or its authorized partners should be used.

Performing the memory upgrade

To upgrade the BRICK-XM's memory, perform the following steps exactly in the order shown. Also note that if an error occurs during the logik_17.xm or the bmon_431.xm upgrade, your BRICK may not be able to boot.

Very important: Before you install your new SIMM module, the logik_17.xm MUST be upgraded first.

1. Copy the required/optional software images to a host on the local network.
2. Login on the BRICK-XM's console and reboot the system. Using the BOOTmonitor, perform a Software Upgrade via TFTP, option 2, for each image you are upgrading.

Note: The logik_17.xm and bmon_431.xm images MUST be updated using TFTP; do not use option 3, XMODEM. Information on using the BOOTmonitor can be found in chapter 2 of your BIANCA/BRICK-XM User's Guide.

3. Then, power down the system and install the new SIMM.
4. Power up the system once more and verify the correct memory size and firmware version are detected.
 - ♦ If the following line is reported by the self test, then the memory upgrade was successful.
Checking 2nd 4 MByte: 8 MByte found.
 - ♦ If the following line is reported by the self test, then the firmware upgrade has been successful.

BIANCA/BRICK-XM (Hardware-Rev. 3.1, Firmware-Rev. 1.7) ok