

MacWorks Plus II 2.1.9b5 notes

Significant changes:

Supports System 7.1 (Pro and Pro S1U)

NowMenus compatibility bugs fixed (MW+II & MaxiRAM)

Supports full System 7 file sharing without XLerator when ESCC (Zilog Z8523010PSC) installed on I/O board. (Pro and Pro S1U)

Supports TimesTwo (v2.0) SCSI disks

Preliminary support for 2M and 4M simms on modified original XLerator.

TimesTwo v2.0

If you use MagicBoot as a backup system disk (rather than as the 'startup disk' for QuickBoot as described below). You will select it by holding down both the 'm' and 'b' keys as soon as the startup beep begins. Release them when the Happy Mac appears. This works with MW+II 2.1.9 even though the TimesTwo manual says that an ADB keyboard is required.

Using TimesTwo with QuickBoot

Since QuickBoot is in action before the TimesTwo driver is loaded, its files must be on a disk partition that is not compressed. Hence you cannot use a standard TimesTwo SCSI disk with QuickBoot. However, the special TimesTwo MagicBoot partition can be used to provide the non-compressed partition for the QuickBoot files as follows:

When you install TimesTwo, select the MagicBoot option. The size of MagicBoot partition you choose will depend on what else you are going to put on that partition. If you are going to use that partition as your system disk, you will probably need to make it significantly larger than the default of 3 MB. If you are going to use it solely for the QuickBoot files, the minimum is adequate (actually, even 400k would be enough).

The disadvantage of using the MagicBoot partition as your system volume is that it is not compressed, so the space used by this partition will not be doubled by TimesTwo; in contrast, the advantage is that the system will not be compressed, so performance will be noticeably better, especially on a machine without an XLerator.

After installing TimesTwo, select the MagicBoot partition in the TimesTwo installer, and select "Set Attributes..." from the TimesTwo menu. Select 'Use as Startup Disk' (even if you are not actually going to put a system on the MagicBoot volume; you need to do this to make the MagicBoot partition first in the partition map so QuickBoot can find it).

After finishing the TimesTwo installation, finish setting up the MagicBoot partition: If you are going to use it as a System volume, put the system you wish to use on it along with the QuickBoot files as usual. If you want to use the MagicBoot for QuickBoot without a System folder, remove the System files that TimesTwo installed on the MagicBoot volume, and drag the QuickBoot files (MW+Loader and MW+) to the MagicBoot disk itself (do not put them in a folder if there is no System folder on the volume).

If you use the MagicBoot partition for QuickBoot files without a System Folder, when you start-up, the Happy Mac will flash on and then disappear briefly as that partition is checked for a System file and then skipped. You can prevent this delay by using an application such as Boot Disable to mark the MagicBoot volume as unbootable (you still want it to be the 'Startup Disk' according to the TimesTwo installer, you just want to flag it as having no boot blocks).