EPSON

Product Support Bulletin

Subject: Proper Method for Running Benchmark and Diagnostics Programs

Date: 06/04/93
Page(s): 1 of 1

PSB No: S-0158
Originator: MWT

This bulletin describes the proper method for running any benchmark or diagnostics programs. This applies to any computer system.

In most cases, the computer should be started using an MS-DOS boot diskette that's 'clean' - in other words, one with no CONFIG.SYS or AUTOEXEC.BAT files. The appropriate executable can then be run, either from diskette or hard drive.

There will be some exceptions to the above rule. In attempting to benchmark or troubleshoot any add-on that requires a device driver (CD-ROM, local area network, etc.), obviously the necessary device driver(s) must be loaded. Also, some programs will require a minimum number of FILES or BUFFERS to be defined in the CONFIG.SYS file. Such programs will usually display this requirement if they are run without the necessary CONFIG.SYS file.

For the most consistent results, use the absolute minimal boot configuration that's allowed by the hardware being tested.

EPSON

Product Support Bulletin

Subject: Equity Series SIMM Compatibility

Date: 12/4/91
Page(s): 1 of 1

PSB No: S-0136
Originator: JAD

Due to the influx of third party SIMMs on the market, there are some that are not compatible with Epson products. This bulletin is intended to be an aid in ensuring that only compatible SIMMs are chosen for use in Epson's Equity Series of computers.

The SIMMs in question were SEIMENS, CUMULUS and KINGSTON. Installing these SIMMs in Epson products may cause the following errors:

Parity Check 1
18FFFE 0000 202 Memory Address Error
164 System Options Not Set
1500 E000 201" DOS RAM Address Error

It was thought that the chips used in these SIMMs were of poor quality.

Epson Portland evaluated the SIMMs in question and found that this was not true. The problem is caused by the SIMM circuit boards (ITE and TECAP circuit boards) used to manufacture the SIMM modules. The dimensions of these boards are not compatible with industry standard SIMM sockets. This may result in incomplete contact between the SIMM assembly and it's socket. This is caused by insufficient size of the contact surfaces in these products. Also enlarged holes in the TECAP product allow the component pin to pass entirely through the hole without making contact.

It is recommended that only SIMMS meeting industry standard contact surface specifications be used in Epson Equity computer products.

Some recommended SIMMs that were tested and found Compatible are:

Toshiba
Matsushita
CDC Enterprises
Samsung
Aculogic

For more information contact Technical Support.

EQUITY 386SX/16 PLUS					
VER	PART #	DESC	TYPE	LOC	REASON
	Y705590825	CTRTD-A02	27C010	U9	INITIAL RELEASE
073092	2011051	System Bios	27C010	U9	Rapid keystrokes on all area of the keyboard may cause a shift key lock and/or keyboard lockup. In some rare cases, improper keyboard timing may cause intermittent system boot failure. See ECN No: EQ386SX/16+-001 (4/2/93).

EQUITY 386SX/20 PLUS					
VER	PART #	DESC	TYPE	LOC	REASON
1.04		CSTH-A04	27C010	U13	INITIAL RELEASE
1.05		CSTH-A05	27C010	U13	
1.06	Y723806005	CSTH-A06	27C010	U13	Rapid keystrokes using the enhanced 10-key area of the keyboard. This problem may cause shift key lock and/or keyboard lockup. See ECN No: EQ386SX/20+-002 (2/7/92).

EQUITY 320SX PLUS					
VER	PART #	DESC	TYPE	LOC	REASON
101891-KZ	320SXROM	AMI	27C010	U9	INITIAL RELEASE
073092	2011037	AMI	27C010	U9	Rapid keystrokes on all areas of the keyboard may cause a shift key lock and/or keyboard lockup. In some rare cases, improper keyboard timing may cause intermittent system boot failure. See ECN No: EQ320SX+-001 (4/2/93).