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MS-4143 ALI PCI / ISA MAINBOARD   µ §

NEWS UPDATES (Release 1)

MAINBOARD   <u>MS-4143</u>
CHIPSET   <u>ALI M1439 + M1445 with</u>
            <u>On-chip PCI IDE controller</u>
ON-BOARD I/O   <u>Winbond W83787F / W83758F</u>

M/B VER NO.	R E M A R K S
ALL VERSIONS	1. The S3 805 VGA card is not supported. 2. The on-board COM ports should be disabled or enabled at the same time. Disabling one COM port will also disable the other one. In case you want to use a modem, please set the on-board COM1 to COM 3 or COM2 to COM4. Take note, however, that the ATI Mach 32 / 64 PCI VGA cards use I/O port 2E8-2EF to program its EEPROM. COM4 is also using I/O port 2E8. So, if you are using ATI Mach 32 / 64, do not set the on-board COM ports to COM4.
VER 0B	The AMD DX2-80 3-volt CPU is not supported. Only the 5-volt AMD DX2-80 is supported. Version 0B is for evaluation only.
VER 1	Both the AMD DX2-80 3-volt and 5-volt CPUs are supported.

BIOS VER NO.	R E M A R K S

AD5M	1. When using AMD DX4-100, the sign-on message will be shown as DX2-100.
	2. When using S3 864 / 964 PCI VGA cards, the system will hang in Windows.
	3. When using ATI Mach 32 PCI VGA card, the system display will become blank when the system starts booting up from hard disk or floppy disk.
	4. When using MS-4406 ET4000/W32P Viper card, the IRQ will not be assigned and thus, the card will not work properly.
	5. When using some types of SIMM modules, the system will sometimes hang on BIOS checkpoint D3 or gives a "Memory Size Mismatch" error. The SIMMs tested giving this problem are as follows:
	     GOLDSTAR GM71C4400BJ70 (4MB)
	     HITACHI HM514400ALS7 (4MB)
	     HYUNDAI HY534256J-70 (2MB)
	     IBM TPA14400J2C-70 (4MB)

AD5O	1. This BIOS solves the following problems of AD5M:
	  - AMD DX4-100 now shows the sign-on message DX4-100.
	  - S3 864 / 964, ATI Mach 32 and MS-4406 ET4000/W32P Viper cards now work properly.
	2. When using IBM SIMM modules, the system will no longer hang on BIOS checkpoint D3 nor gives a "Memory Size Mismatch" error. However, the following SIMM modules still give this problem:
	     GOLDSTAR GM71C4400BJ70 (4MB)
	     HITACHI HM514400ALS7 (4MB)
	     HYUNDAI HY534256J-70 (2MB)

BIOS VER NO.	R E M A R K S

AD5Q	1. This BIOS solves the following problem of AD5O:
	  - This BIOS no longer hangs on BIOS checkpoint D3 nor gives a "Memory Size Mismatch" error, when using the following SIMM modules:
	    GOLDSTAR GM71C4400BJ70 (4MB)
	    HITACHI HM514400ALS7 (4MB)
	    HYUNDAI HY534256J-70 (2MB)
	    IBM TPA14400J2C-70 (4MB)

NOTE: These are the known problems seen at the time of testing. In case you are having some problems which are not listed here, please check with your accounts executives.

Check with your accounts executives regularly for updates.