

# 80386 MAINBOARD

NPM/25-A0	M917A00
NPM/33-A0	M918A00
NPM/25-A1	M917A10
NPM/33-A1	M918A10
NPM/40-A0	M919A00

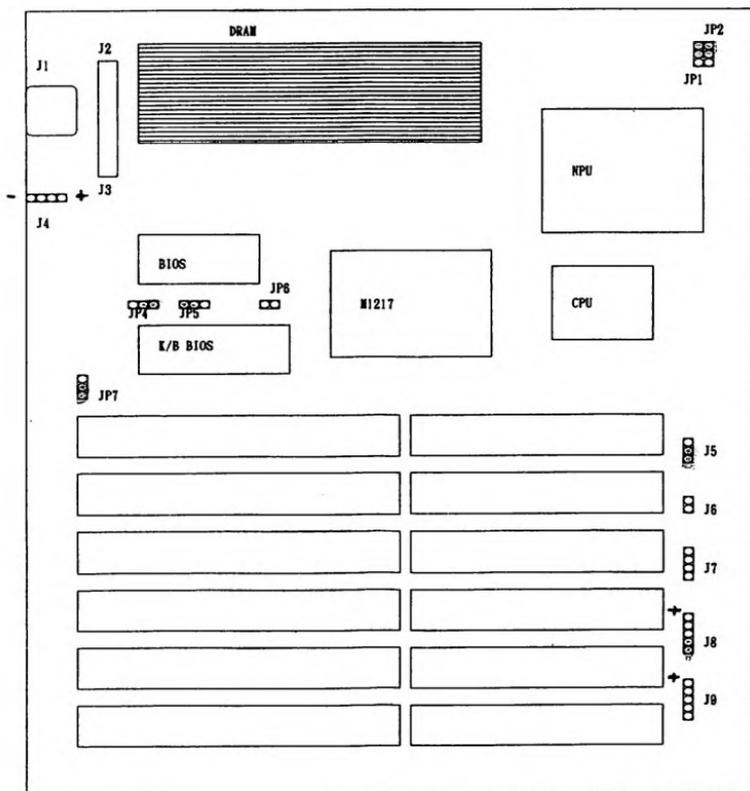
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PARTS NO. 61-MM918-A0-00 Rev. 1.1 MAY. 1993



## **SPECIFICATIONS**

CPU : Intel 386SX or Cyrix 486SLC  
NPU : 80387SX or Cyrix387SX  
BIOS : AMI 64KB BIOS ( 27512x1 )  
Chipset : ALI M1217  
Expansion slots : 16-bit ISA x 6  
PCB size : 220mm x 170mm form, layer = 4

# JUMPERS & CONNECTORS



JP1,JP5 : AT clock selection

CPU frequency	JP1	JP5
33MHz	2-3	2-3
25MHz	1-2	2-3
20MHz	2-3	1-2
40MHz	1-2	1-2

JP2 : NPU Syn/Asyn selection

1-2 for Syn(Default)

2-3 for Asyn

JP4 : Mono/Color Display card selection

1-2 for Mono

2-3 for Color

JP6 : Parity check Enable/Disable

Open for Enable(Default)

Short for Disable

JP7 : Erase CMOS RAM Data

1-2 for Erase CMOS RAM Data

2-3 for Normal (Default)

J1 : Keyboard connector

J2,J3 : Power connector

J4 : Ext. battery

J5 : ADS Delay Enable/Disable

1-2 for Enable

2-3 for Disable(Default)

J6 : Reset

J7 : Speaker

J8 : Turbo switch & Turbo LED

J9 : Keylock & Power LED

## MEMORY CONFIGURATION

### DRAM Configuration:

BANK0	BANK1	BANK2	BANK3	SIZE
256Kx4	256Kx4	256Kx4	256Kx4	1MB
1Mx4	1Mx4	empty	empty	2MB
1Mx4	1Mx4	1Mx4	1Mx4	4MB
4Mx4	4Mx4	empty	empty	8MB
4Mx4	4Mx4	4Mx4	4Mx4	16MB
256Kx4	256Kx4	empty	empty	512KB

## BIOS SETUP DEFAULTS

BIOS SETUP PROGRAM - ADVANCED CMOS SETUP (C)1990 American Megatrends Inc., All Rights Reserved			
Typematic Rate Programming	: Disabled	Adaptor ROM Shadow D800,32K	: Disabled
Typematic Rate Delay (msec)	: 500	Adaptor ROM Shadow E000,32K	: Disabled
Typematic Rate (Chars/Sec)	: 15	Adaptor ROM Shadow E800,32K	: Disabled
Above 1MB Memory Test	: Enabled	System ROM Shadow F000, 64K	: Enabled
Memory Test Tick Sound	: Enabled	RAS Time Out	: Enabled
Memory Parity Error Check	: Enabled	16 bit ISA cycle insert wait	: 1 W/S
Hit <DEL> Message Display	: Enabled	RAS Active Time Insert wait	: Disabled
Hard Disk Type 47 RAM Area	: 0:300	Quick RAS Precharge Time	: Disabled
Wait For <F1> If Any Error	: Enabled	Slow refresh	: 60us
System Boot Up Num Lock	: On	I/O Recover Period Define	: Enabled
Numeric Processor	: Absent	CAS Precharge Time Wait	: Disabled
Floppy Drive Seek At Boot	: Enabled	Memory write insert wait	: Disabled
System Boot Up Sequence	: A, C:	Memory read insert wait	: Enabled
Internal Cache Memory	: Disabled		
Password Checking Option	: Disabled		
Video ROM Shadow C000,32K	: Enabled		
Adaptor ROM Shadow C800, 32K	: Disabled		
Adaptor ROM Shadow D000, 32K	: Disabled		
Esc:Exit ↓→↑←:Sel (Ctrl)Pu/Pd:Modify F1:Help F2/F3:Color			
F5:Old Values F6:BIOS Setup Defaults F7:Power-On Defaults			