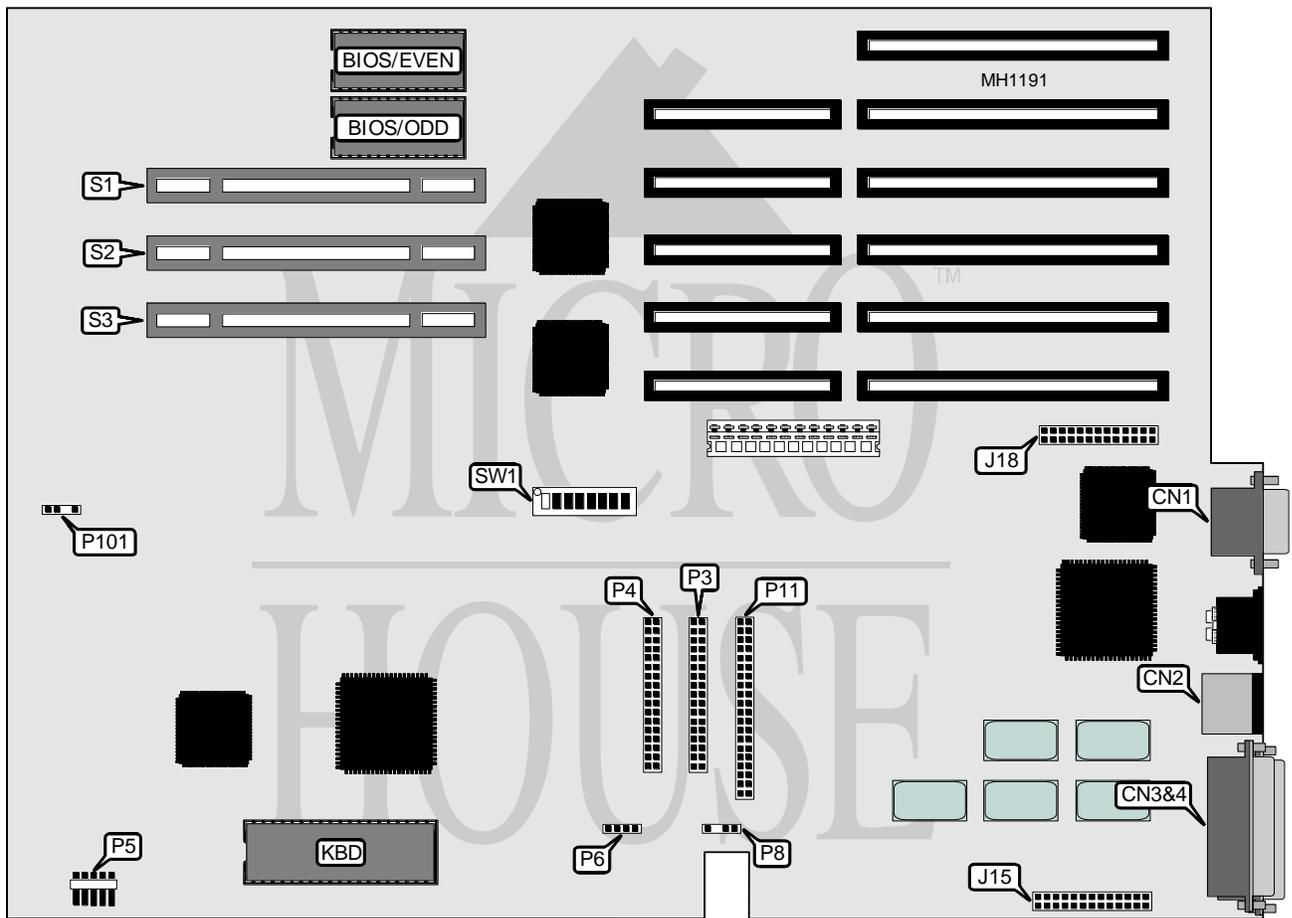


AST RESEARCH, INC.

PREMIUM II 486SX/20 & 486SX/25

MODELS 202373-001 & 202373-002

Processor	80486SX/80487SX (on external CPU/Memory module)
Processor Speed	20/25MHz
Chip Set	AST
Max. Onboard DRAM	None (16MB on external CPU/Memory module)
Cache	None
BIOS	AST
Dimensions	344mm x 250mm
I/O Options	32-bit external CPU/Memory module slot 32-bit external Memory module slot (2) bus mouse port, floppy drive interface IDE interface, parallel port, serial port (2), SVGA port
NPU Options	4167 (on external CPU/Memory module)



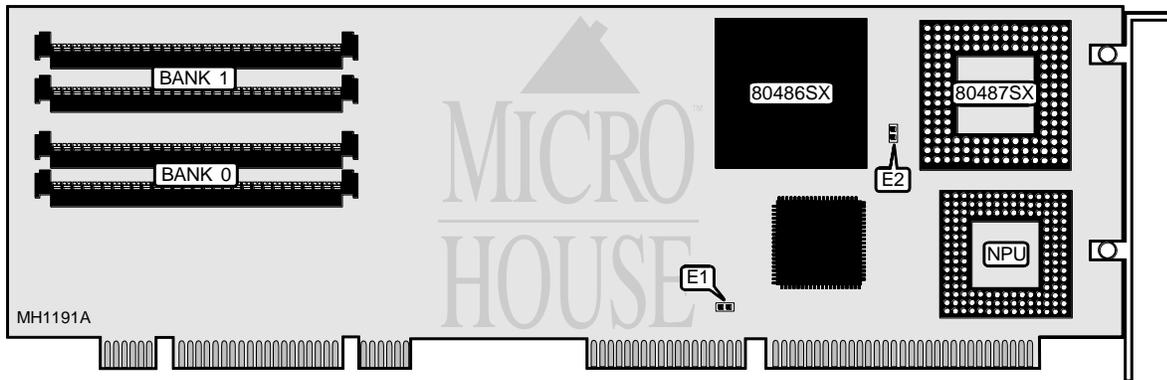
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AST RESEARCH, INC.
PREMIUM II 486SX/20 & 486SX/25
MODELS 202373-001 & 202373-002

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CONNECTIONS			
Purpose	Location	Purpose	Location
SVGA port	CN1	Front panel switches & LEDs	P5
Bus mouse port	CN2	Speaker	P6
Serial port 1 (COM1)	CN3	External battery	P8
Parallel port	CN4	IDE interface	P11
Serial port 2 (COM2)	J15	Fan power	P101
VGA pass-through	J18	32-bit external CPU/Memory module	S1
Floppy drive interface	P3	32-bit external Memory module slot	S2
Third floppy drive interface	P4	32-bit external Memory module slot	S3

USER CONFIGURABLE SETTINGS		
Function	Switch SW1	Position
í VGA port enabled	switch 1	closed
VGA port disabled	switch 1	open
í Password check enabled	switch 2	open
Password check disabled	switch 2	closed
í Factory configured - do not alter	switch 3	open
í Factory configured - do not alter	switch 4	open
í Factory configured - do not alter	switch 5	closed
í Factory configured - do not alter	switch 6	closed
í Monitor type select PS/2 style	switch 7	closed
Monitor type select AT style	switch 7	open
í Monitor type select VGA or fixed-frequency	switch 8	open
Monitor type select multi-frequency	switch 8	closed



USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Parity check enabled	E1	closed
Parity check disabled	E1	open
í Factory configured - do not alter	E2	closed

Note: AST CPU/Memory module part number is 202436-001.

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AST RESEARCH, INC.
 PREMIUM II 486SX/20 & 486SX/25
 MODELS 202373-001 & 202373-002

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DRAM CONFIGURATION		
Size	Bank 0	Bank 1
2MB	(2) 1M x 9	NONE
4MB	(2) 1M x 9	(2) 1M x 9
8MB	(2) 4M x 9	NONE
10MB	(2) 1M x 9	(2) 4M x 9
16MB	(2) 4M x 9	(2) 4M x 9
Notes: 128KB of DRAM is reserved for System and VGA BIOS shadowing and cannot be disabled. Up to two of the following memory boards may be installed in addition to the CPU/Memory module: AST part numbers 202275-004, 202275-006, 202387-001, or 202387-005.		