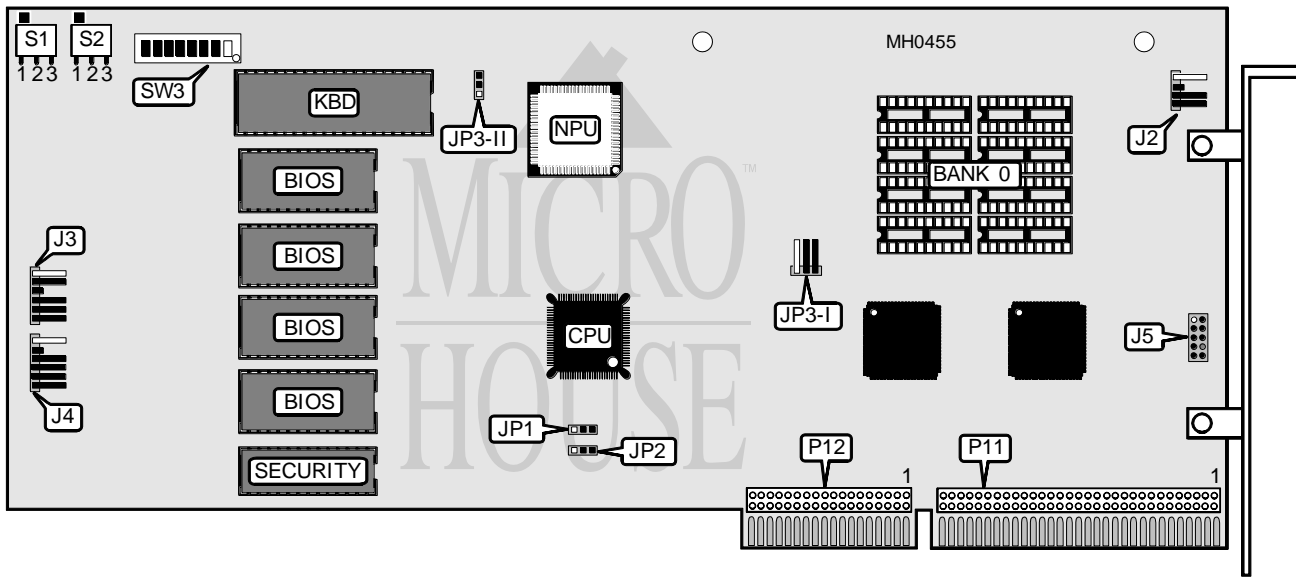


NCR CORPORATION

PC916SX

Processor 80386SX
Speed 16MHz
Chip Set Unidentified
Max. Onboard DRAM 1MB
BIOS Unidentified
Cache None
Dimensions 290mm x 106mm
I/O Options External memory card slot
NPU Options 80387SX



CONNECTIONS

Purpose	Location	Purpose	Location
External Battery	J2	Keyboard connector	J5
Turbo LEDs & keylock	J3	Proprietary external memory port	P11 & P12
Speaker & volume control	J4		

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NCR CORPORATION

PC916SX

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USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í Pipeline mode disabled	JP3-I/JP3-II	pins 2 & 3 closed
Pipeline mode enabled	JP3-I/JP3-II	pins 1 & 2 closed
í Monitor type select color	S1	pins 1 & 2 closed
Monitor type select monochrome	S1	pins 2 & 3 closed
í Power-on speed select fast	S2	pins 1 & 2 closed
í Power-on speed select slow	S2	pins 2 & 3 closed
í DRAM speed select slow	SW3/1	Off
DRAM speed select fast	SW3/1	On
í DMA speed select automatic	SW3/2	Off
DMA speed select 8MHz	SW3/2	On
í Memory 0-512KB enabled	SW3/3	Off
Memory 0-256KB enabled, 256-512KB disabled	SW3/3	On
í Memory 512-1024KB enabled	SW3/4	Off
Memory 512-1024KB disabled	SW3/4	On

Notes: JP3-I is found on Type MMI mainboard, JP3-II is found on Type MMII mainboard.

DRAM CONFIGURATION	
Size	Bank 0
1MB	(8) 44256

Note: Memory chip sizes and locations are unidentified.

DRAM - I/O SPEED CONFIGURATION			
IOW, MEMW, MEMR	IOR	JP1	JP2
í 500ns	750ns	pins 2 & 3 closed	pins 1 & 2 closed
250ns	500ns	pins 2 & 3 closed	pins 2 & 3 closed
750ns	1000ns	pins 1 & 2 closed	pins 2 & 3 closed
1000ns	1250ns	pins 1 & 2 closed	pins 1 & 2 closed

DRAM MAPPING CONFIGURATION					
Extended memory	Mapping area	SW3/5	SW3/6	SW3/7	SW3/8
0MB	100000 - 160000h	Off	On	On	On
1MB	200000 - 260000h	On	Off	On	On
2MB	300000 - 360000h	Off	Off	On	On
3MB	400000 - 460000h	On	On	Off	On
4MB	500000 - 560000h	Off	On	Off	On
5MB	600000 - 660000h	On	Off	Off	On
6MB	700000 - 760000h	Off	Off	Off	On
7MB	800000 - 860000h	On	On	On	Off
8MB	900000 - 960000h	Off	On	On	Off
9MB	A00000 - A60000h	On	Off	On	Off
10MB	B00000 - B60000h	Off	Off	On	Off
11MB	C00000 - C60000h	On	On	Off	Off
12MB	D00000 - D60000h	Off	On	Off	Off
13MB	E00000 - E60000h	On	Off	Off	Off
14MB	F00000 - F60000h	Off	Off	Off	Off

