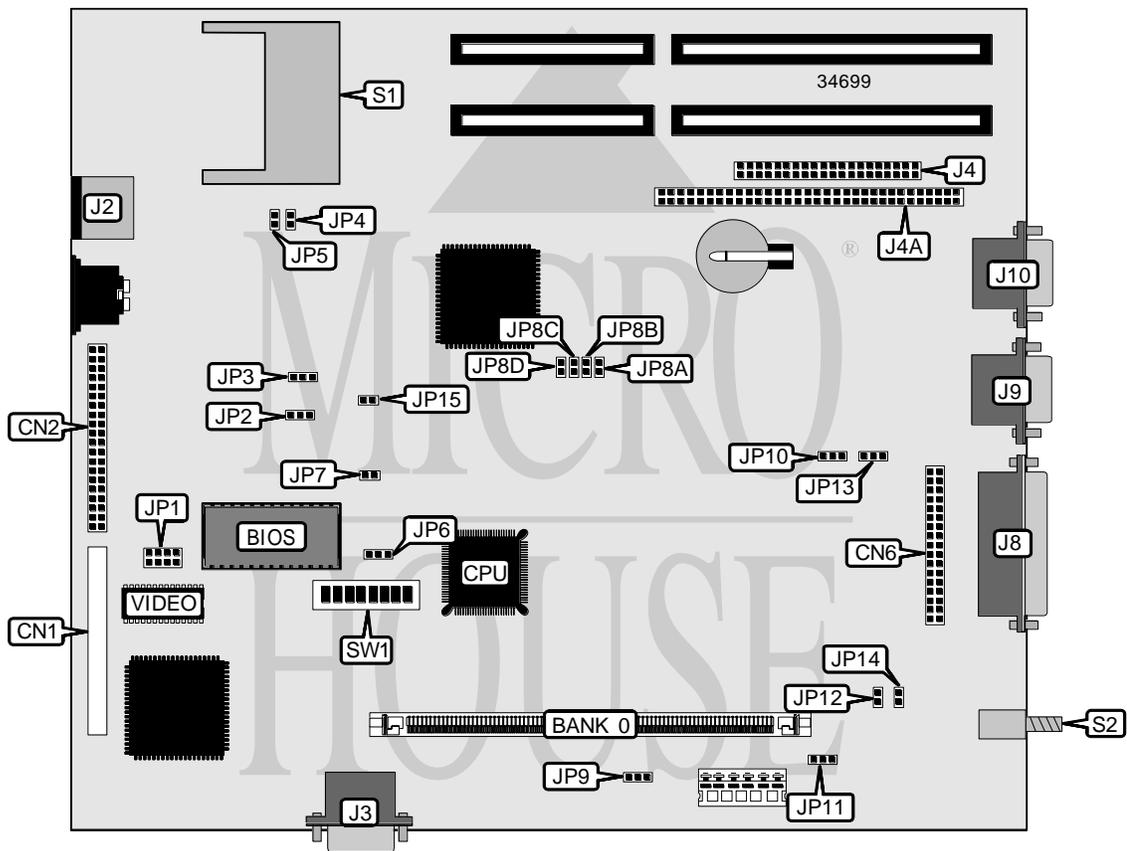


# RADISYS CORPORATION

## EXPLR 2

<b>Processor</b>	80386EX
<b>Processor Speed</b>	33/40/50/66MHz
<b>Chip Set</b>	Unidentified
<b>Video Chip Set</b>	Cirrus Logic
<b>Maximum Onboard Memory</b>	32MB
<b>Maximum Video Memory</b>	512KB
<b>Cache</b>	None
<b>BIOS</b>	Phoenix
<b>Dimensions</b>	254mm x 254mm
<b>I/O Options</b>	Floppy drive interface, IDE interface, parallel port, PS/2 mouse port, serial ports (2), VGA port, PC/104 connectors (2), flat panel connector
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
LCD connector	CN1	PC/104 connector	J4A
IDE interface	CN2	Parallel port	J8
Floppy drive interface	CN6	Serial port 2	J9
PS/2 mouse port	J2	Serial port 1	J10
VGA port	J3	PC card carrier	S1
PC/104 connector	J4	Reset switch	S2

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USER CONFIGURABLE SETTINGS		
Function	Label	Position
RFA access select (linear memory/mapped page)	JP2	Unidentified
RFA WS select (R380 WEFLSH/386EXWR)	JP3	Unidentified
í Factory configured - do not alter	JP4	Open
CPU speed 33/40/50/66MHz	JP5	Unidentified
BIOS CS select (R380EX/Intel386EX)	JP6	Unidentified
í Flash BIOS boot block disabled	JP7	Open
Flash BIOS boot block enabled	JP7	Closed
í Flash BIOS normal operation	JP8A	Open
Flash BIOS recovery mode	JP8A	Closed
í Manufacturing loop at boot disabled	JP8B	Open
Manufacturing loop at boot enabled	JP8B	Closed
í Bottom half (lower 256KB) of FBD disabled	JP8C	Open
Bottom half (lower 256KB) of FBD enabled	JP8C	Closed
í Flash BIOS write protect disabled	JP8D	Open
Flash BIOS write protect enabled	JP8D	Closed
VCC select (3.3v/5v)	JP9	Unidentified
Serial port 2 COM select (IRQ3/IRQ5)	JP10	Unidentified
VPP select (12v/5v)	JP11	Unidentified
í Boot option with keyboard controller disabled	JP12	Open
Boot option with keyboard controller enabled	JP12	Closed
Serial port 1 COM select (IRQ4/IRQ9)	JP13	Unidentified
í Post loop disabled	JP14	Open
Post loop enabled	JP14	Closed
í 8-bit operation disabled	JP15	Closed
8-bit operation enabled	JP15	Open
í R380 voltage select 5v	SW1/1	On
R380 voltage select 3v/3.3v	SW1/1	Off
í Internal real time clock megacell enabled	SW1/2	Off
Internal real time clock megacell disabled	SW1/2	On
í Internal keyboard & mouse controller megacell enabled	SW1/3	Off
Internal keyboard & mouse controller megacell disabled	SW1/3	On
í RAS_BS# enabled	SW1/4	Off
MA11 enabled	SW1/4	On
í CS_USR [3:0] outputs enabled	SW1/5	Off
DIO [3:0] inputs enabled	SW1/5	On
í ACTIVITY#/WE_BIOS#/WE_AP#/QDACKB enabled	SW1/6	Off
DIO [7:4] inputs enabled	SW1/6	On
í Initial level of digital output select initialize to 0	SW1/7	Off
Initial level of digital output select initialize to 1	SW1/7	On
í User definable bit select 0	SW1/8	Off
User definable bit select 1	SW1/8	On

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SIMM CONFIGURATION	
Size	Bank 0
2MB	(1) 512K x 36
4MB	(1) 1M x 36
8MB	(1) 2M x 36
16MB	(1) 4M x 36
32MB	(1) 8M x 36

VIDEO MEMORY CONFIGURATION
Note: 512KB video memory is factory installed and is not configurable.

FLAT PANEL SELECTION			
Setting	JP1/A	JP1/B	JP1/C
i0-bit disabled	Open	Open	Open
0-bit enabled	Closed	Closed	Closed