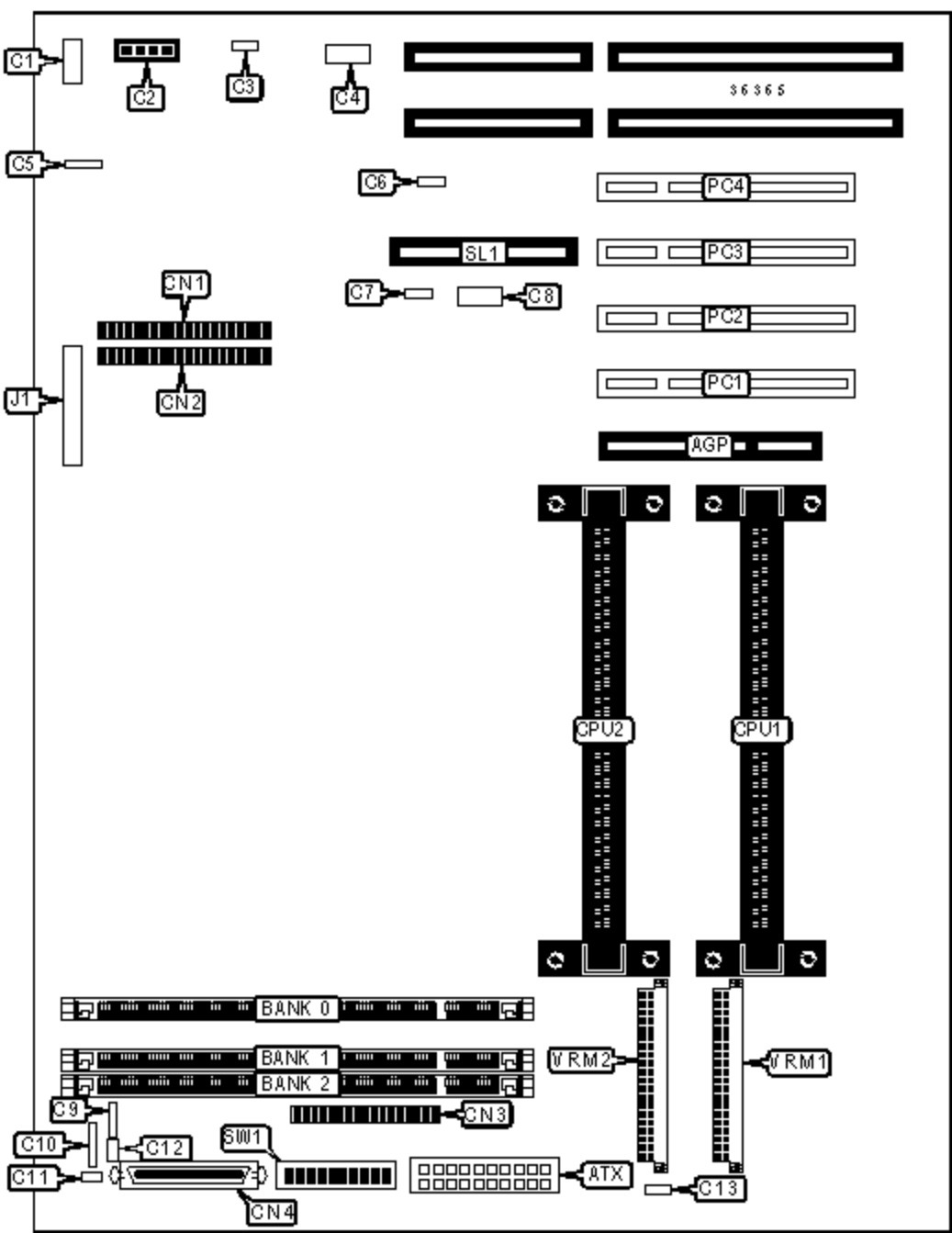


# HEWLETT-PACKARD COMPANY

## HP KAYAK XA-S

<b>Device Type</b>	Mainboard
<b>Processor</b>	Pentium II
<b>Processor Speed</b>	333/350/400/450MHz
<b>Chip Set</b>	Unidentified
<b>Video Chip Set</b>	Matrox
<b>Maximum Onboard Memory</b>	384MB (SDRAM supported)
<b>Maximum Video Memory</b>	8MB
<b>Cache</b>	512KB (located on Pentium II CPU)
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	355mm x 304mm
<b>I/O Options</b>	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), SCSI interface, VRM connectors (2), ATX power connector, AGP slot, microphone in, audio in - CD-ROM, RAID slot, wake on LAN connector



### CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Disk drive fan	C11
AGP slot	AGP	External battery	C12
Auxiliary in	C1	CPU fan power	C13
Audio in - CD-ROM	C2	IDE interface 1	CN1
Microphone in	C3	IDE interface 2	CN2
Multimedia connector	C4	Floppy drive interface	CN3
Speaker	C5	SCSI interface	CN4
I/O card fan power	C6	32-bit PCI slots	PC1 - PC4
Wake on LAN connector	C7	RAID slot	SL1
HP external start connector	C8	VRM connector	VRM1
LCD panel connector	C9	VRM connector	VRM2
Status panel connector	C10		

### USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Factory configured - do not alter	J1	Unidentified
»	Factory configured - do not alter	SW1/1	Unidentified
»	CMOS memory normal operation	SW1/6	Off
	CMOS memory clear	SW1/6	On
»	Password normal operation	SW1/7	Off
	Password clear	SW1/7	On
»	Keyboard power on disabled	SW1/8	On
	Keyboard power on enabled	SW1/8	Off
»	System select minitower	SW1/9	Off
	System select desktop	SW1/9	On
»	Flash BIOS normal operation	SW1/10	Off

	Flash BIOS recovery mode	SW1/10	On

### DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
32MB	(1) 4M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
144MB	(1) 16M x 64	(1) 2M x 64	None

### DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
160MB	(1) 16M x 64	(1) 4M x 64	None
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

Note: Board accepts SDRAM memory.

### CACHE CONFIGURATION

Note: 512KB cache is located on the Pentium II CPU.

### VIDEO MEMORY CONFIGURATION

Note: The location of the video memory is unidentified.

### CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	SW1/2	SW1/3	SW1/4	SW1/5
333MHz	66MHz	5x	Off	On	On	Off
350MHz	100MHz	3.5x	Off	Off	On	On
400MHz	100MHz	4x	Off	On	Off	Off
450MHz	100MHz	4.5x	Off	On	Off	On