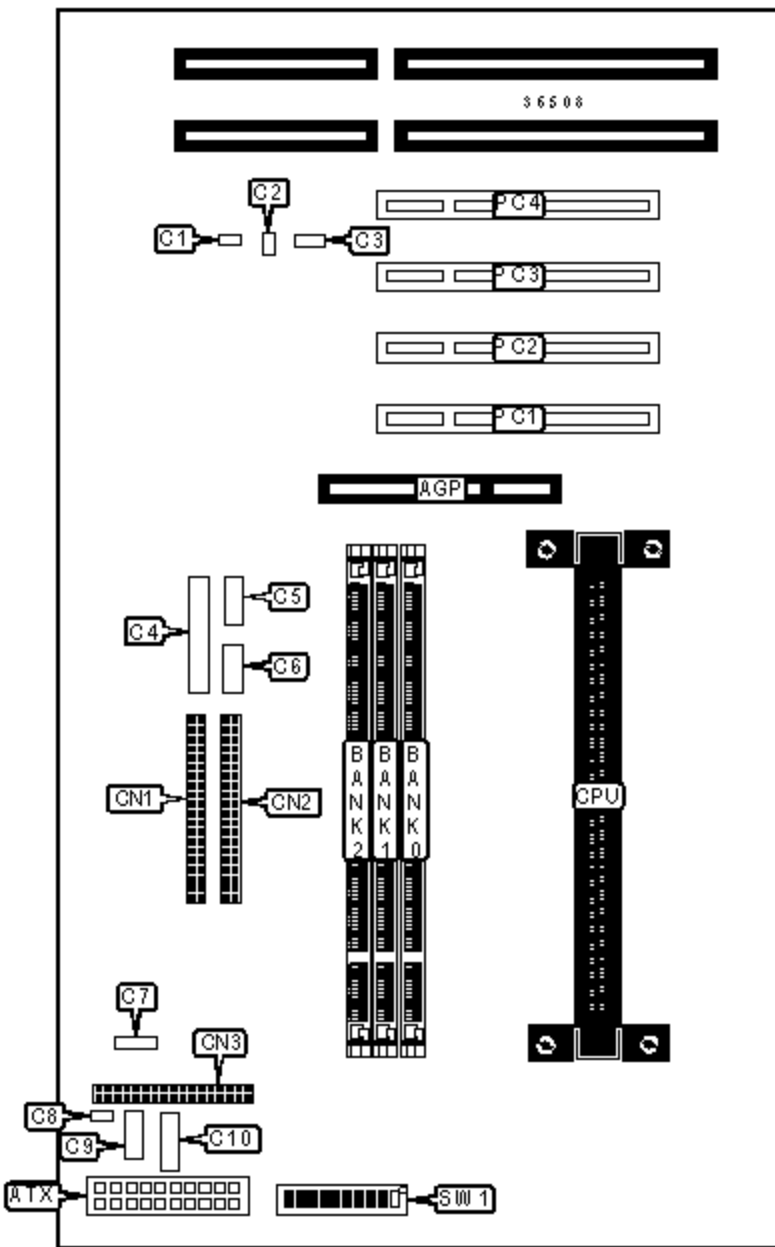


HEWLETT-PACKARD COMPANY

HP KAYAK XA SERIES 0503, 0541

Device Type	Mainboard
Processor	Pentium II
Processor Speed	350/400/450/500MHz
Chip Set	Intel 440BX
Maximum Onboard Memory	768MB (SDRAM supported)
Cache	256/512KB (located on Pentium II CPU)
BIOS	Unidentified
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), ATX power connector, AGP slot, wake on LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location

AGP slot	AGP	External battery	C7
ATX power connector	ATX	Chassis fan power	C8
Chassis fan power	C1	MT LCD status panel	C9
Wake on LAN connector	C2	MT LCD status panel	C10
External start connector	C3	IDE interface 2	CN1
Maxilife/LCD status panel	C4	IDE interface 1	CN2
Audio connector	C5	Floppy drive interface	CN3
Buzzer	C6	32-bit PCI slots	PC1 – PC4

Note: The back panel connectors are unidentified.

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Factory configured - do not alter	SW1/1	Off
»	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 enabled	SW1/8	On
	Keyboard power on disabled	SW1/8	Off
»	Case type select desktop	SW1/9	On
	Case type select minitower	SW1/9	Off
»	Flash BIOS normal operation	SW1/10	Off
	Flash BIOS recovery mode	SW1/10	On

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64	None

24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	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) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64
96MB	(1) 8M x 64	(1) 2M 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
104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M 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
136MB	(1) 16M x 64	(1) 1M x 64	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None

144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
152MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M x 64
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M 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
200MB	(1) 16M x 64	(1) 8M x 64	(1) 1M x 64
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
264MB	(1) 32M x 64	(1) 1M x 64	None
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64	None
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64	None
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64	None
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION

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Note: 256KB/512KB cache is located on the Pentium II CPU.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	SW1/2	SW1/3	SW1/4	SW1/5
350MHz	100MHz	3.5x	Off	Off	On	On
400MHz	100MHz	4x	Off	On	Off	Off
450MHz	100MHz	4.5x	Off	On	Off	On
500MHz	100MHz	5x	Off	On	On	Off