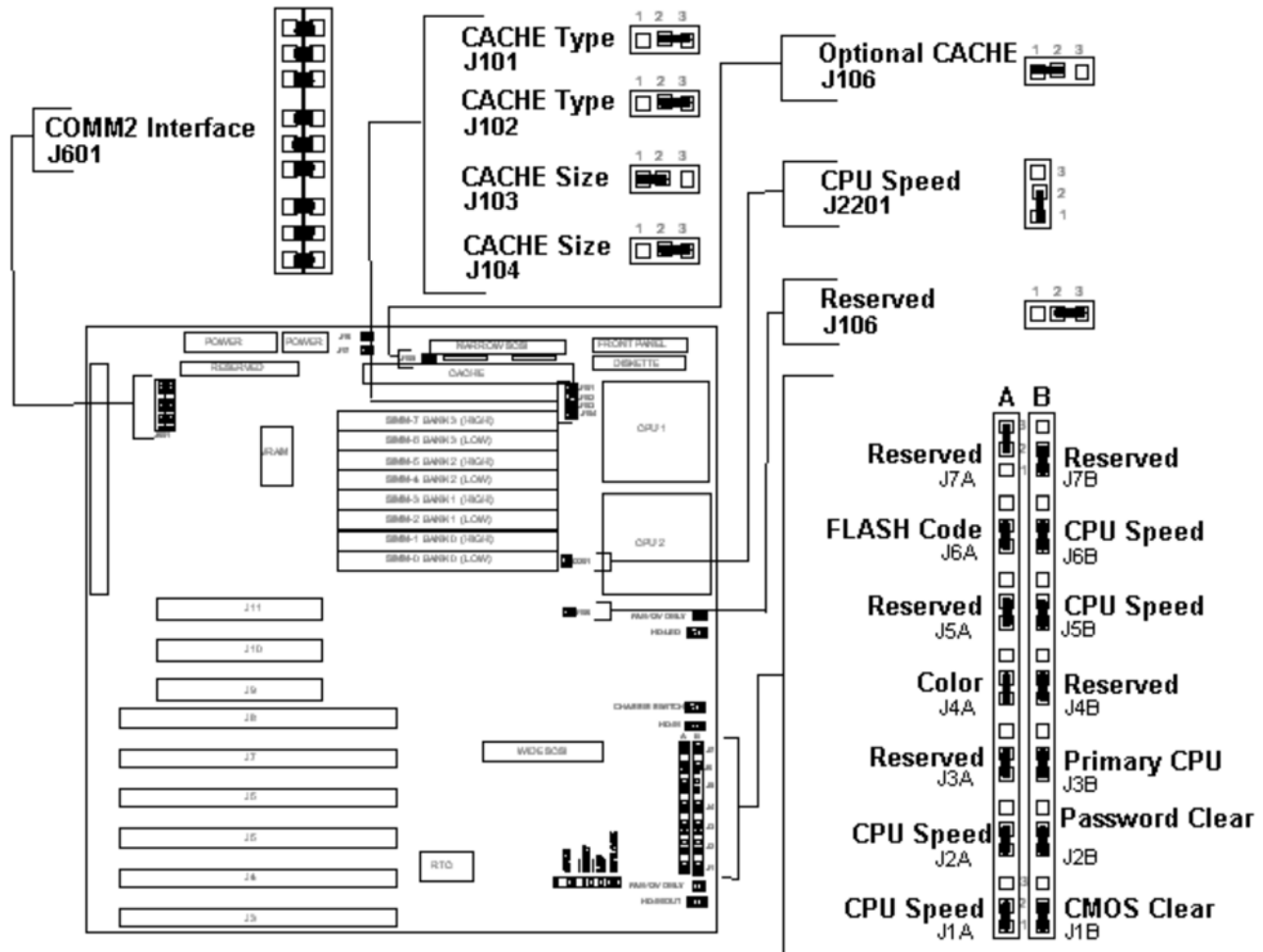# Jumpers & Switches

Go to Switches

Jumpers

System Board Jumpers
System Board Jumper Configurations

Jumper	Description	Option	Setting	Factory Default	Your Setting
RESERVED **J7A**		Required on factory default.	2-3	2-3	2-3
FLASH CODE **J6A**	FLASH reprogramming power protection	BIOS not write protected; FLASH update BIOS write protected; no FLASH update	1-2 2-3	1-2	
RESERVED **J5A**		Required on factory default.	1-2	1-2	1-2
COLOR **J4A**	Color or monochrome monitor	Color monitor Monochrome monitor	1-2 2-3	1-2	

RESERVED **J3A**		Required on factory default	1-2	1-2	1-2
CPU SPEED **J2A**	Used with jumpers at J1A, J5B, J6B and J2201 to set CPU speed.	Refer to Table 3-8 to set CPU speed. Bus:CP Freq = 2:3 or 1:3 = pins 1-2 Bus:CP Freq = 1:2 or 2:5 = pins 2-3	Dependent on speed of installed CPU.		

System Board Jumper Configurations (continued)

Jumper	Description	Option	Setting	Factory Default	Your Setting
CPU SPEED **J1A**	Used with jumpers at J2A, J5B, J6B and J2201 to set CPU speed.	Refer to Table 3-8 to set CPU speed. Bus:CP Freq = 2:3 or 1:2 = pins 1-2 Bus:CP Freq = 1:3 or 2:5 = pins 2-3	Dependent on speed of installed CPU.		
RESERVED **J7B**		Required on factory default.	1-2	1-2	1-2
CPU SPEED **J6B**	Used with jumpers at J1A, J2A, J5B and J2201 to set CPU speed.	Refer to Table 3-8 to set CPU speed. Bus:CP Freq = 60 Mhz = pins 1-2 Bus:CP Freq = 66 Mhz = pins 2-3	Dependent on speed of installed CPU.		
CPU SPEED **J5B**	Used with jumpers at J1A, J2A, J6B and J2201 to set CPU speed.	Refer to Table 3-8 to set CPU speed. Bus:CP Freq = 50 or 60 Mhz = pins 1-2 Bus:CP Freq = 66 Mhz = pins 2-3	Dependent on speed of installed CPU.		
RESERVED **J4B**		Required on factory default.	1-2	1-2	1-2
CPU **J3B**	Primary CPU	CPU 1 is primary CPU 2 is primary	1-2 2-3	1-2	
PASSWORD CLEAR **J2B**	Password protection	Password protection enabled Password cleared; protection off	1-2 2-3	1-2	
CMOS CLEAR **J1B**	Real-time clock CMOS protection	RTC CMOS protection enabled RTC CMOS cleared to factory defaults	1-2 2-3	1-2	
CACHE TYPE **J101**	Used with J102 to set CACHE type.	Refer to Table 3-9 to set CACHE type.	1-2 2-3	2-3	
CACHE TYPE **J102**	Used with J101 to set CACHE type.	Refer to Table 3-9 to set CACHE type.	1-2 2-3	2-3	
CACHE SIZE **J103**	Used with jumper J104 to set CACHE size.	Refer to Table 3-9 to set CACHE size.	1-2 2-3	1-2	
CACHE SIZE **J104**	Used with jumper J103 to set CACHE size.	Refer to Table 3-9 to set CACHE size.	1-2 2-3	2-3	
OPTIONAL CACHE **J105**	Must be set when optional CACHE is installed.	Refer to Table 3-9 to set optional CACHE.	1-2 2-3	1-2	
RESERVED **J106**		Required on factory default	2-3	2-3	2-3
COMM2 INTERFACE **J601**	All nine jumpers are either in for COMM2 interface or out for CP8 interface.	Interface = COMM2 Interface = CP8	in out	in	
CPU SPEED **J2201**	Used with jumpers at J1A, J2A, J5B and J6B to set CPU speed.	Refer to Table 3-8 to set CPU speed. Bus:CP Freq = 50 or 60 Mhz = pins 1-2 Bus:CP Freq = 66 Mhz = pins 2-3	Dependent on speed of installed CPU.		

CPU Speed Jumper Configurations

CPU SPEED	JUMPER SETTINGS				
	J1A	J2A	J5B	J6B	J2201
120/60 MHz	1-2	2-3	1-2	1-2	1-2
150/60 MHz	2-3	2-3	1-2	1-2	1-2

CACHE Jumper Configurations

CACHE	JUMPER SETTINGS				
	J101	J102	J103	J104	J105
256K Onboard	2-3	2-3	1-2	2-3	2-3
256K Onboard + 256K Option	1-2	1-2	2-3	1-2	2-3

Switches

None