

SunPCi

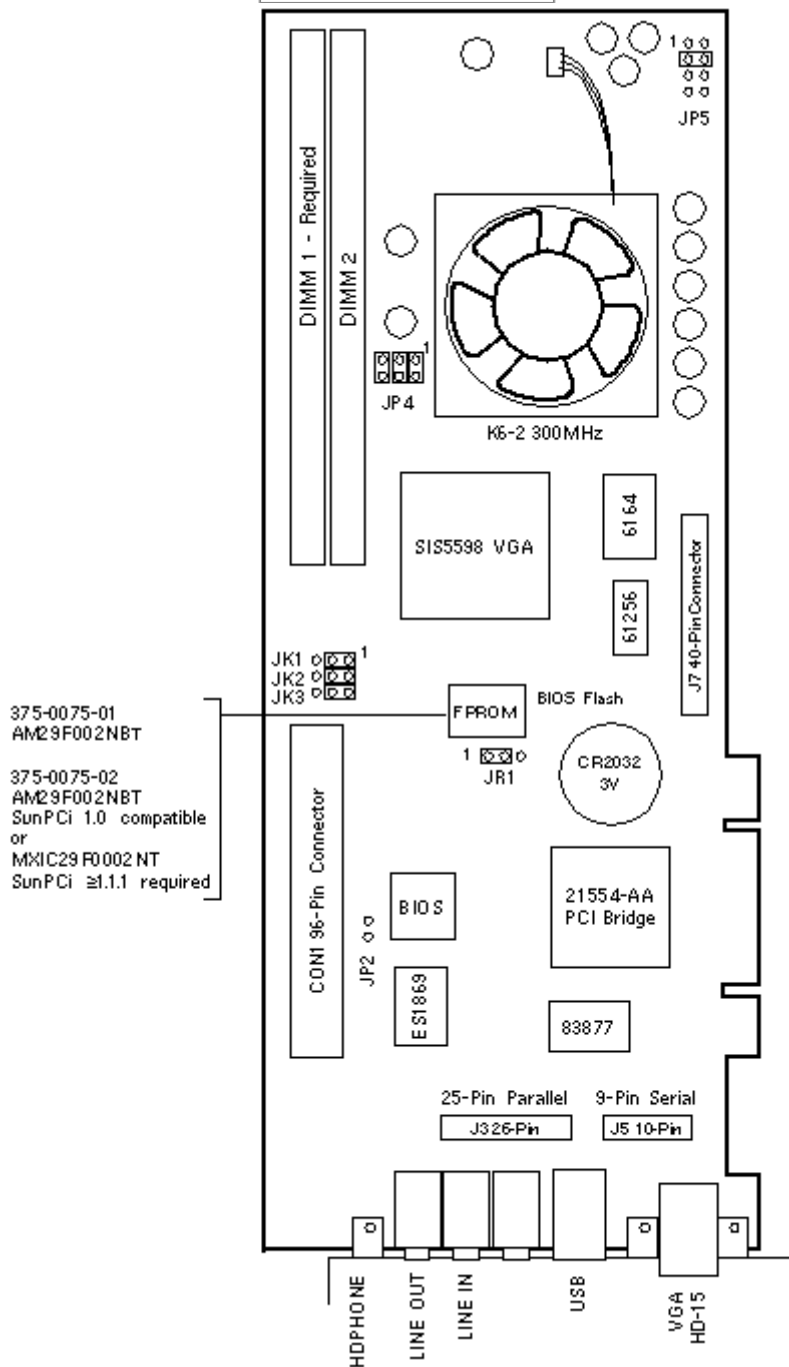
Codename: **Penguin**

Workstations:	Ultra 5, 10, 30, 60, 80, 450 Sun Blade 100
Servers:	Enterprise 220R, 420R

Option 1131A-64.1

375-0075

3.3/5V 64Bit 33MHz



Jumper Settings

JUMPER	PINS	SETTING	DESCRIPTION
JK1	1-2	In	66.8MHz CPU/33.4MHz PCI clock
JK2	1-2	In	66.8MHz CPU/33.4MHz PCI clock
JK3	1-2	In	66.8MHz CPU/33.4MHz PCI clock
JP2	1-2	Out	Normal mode (default)
	1-2	In	Manufacturing mode
JP4	1-2	In	AMD K6/K6+ 4.5x clock multiplier
	3-4	In	AMD K6/K6+ 4.5x clock multiplier
	5-6	In	AMD K6/K6+ 4.5x clock multiplier
JP5	1-2	Out	2.2V CPU voltage
	3-4	In	2.2V CPU voltage
	5-6	Out	2.2V CPU voltage
	7-8	Out	2.2V CPU voltage
JR1	1-2	In	Normal (default)
	2-3	In	Flash recovery (not implemented)

Notes

1. The minimum operating system is Solaris 2.5.1.
2. DOS, Windows 3.x, and Windows 95 are supported.
3. BIOS on 375-0075-02 may not be compatible with SunPCi 1.0 or 1.1. Upgrade to 1.1.1 if the message "Unknown flash device" is displayed. See 806-2198-10 below.
4. Use 64MB DIMM 370-3800 (Option 7041)
5. Use 128MB DIMM 370-3801 (Option 7035).
6. RS-232 signal levels are used. RS-423 is not available.
7. The Parallel/Serial Port Backpanel does not have a part number.
8. The Parallel/Serial Port Backpanel requires an adjacent PCI slot on the component side of the SunPCi.

PCI Slot Notes

1. SunPCi does not fit into Ultra 5, Slot 1 or Slot 2.
2. SunPCi does not fit into Ultra 10, Slot 1.
3. SunPCi does not fit into Ultra 30 or Ultra 60, Slot 4.
4. In the Ultra 30 and Ultra 60, the SunPCi fan housing can touch the solder side of a long PCI board installed in the second slot below a SunPCi. Install the card and side cover with the system in the service position.
5. SunPCi does not fit into Ultra 80, Slot 1 or Slot 4.
6. SunPCi does not fit into Ultra 450, Slot 1.

References

1.  [SunPCi Installation Guide, 805-6055.](#)
 2.  [SunPCi User's Guide, 805-6058.](#)
 3.  [SunPCi DIMM Installation Guide, 805-7205.](#)
 4.  [Important Notice, 806-2198.](#)
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SunPCi

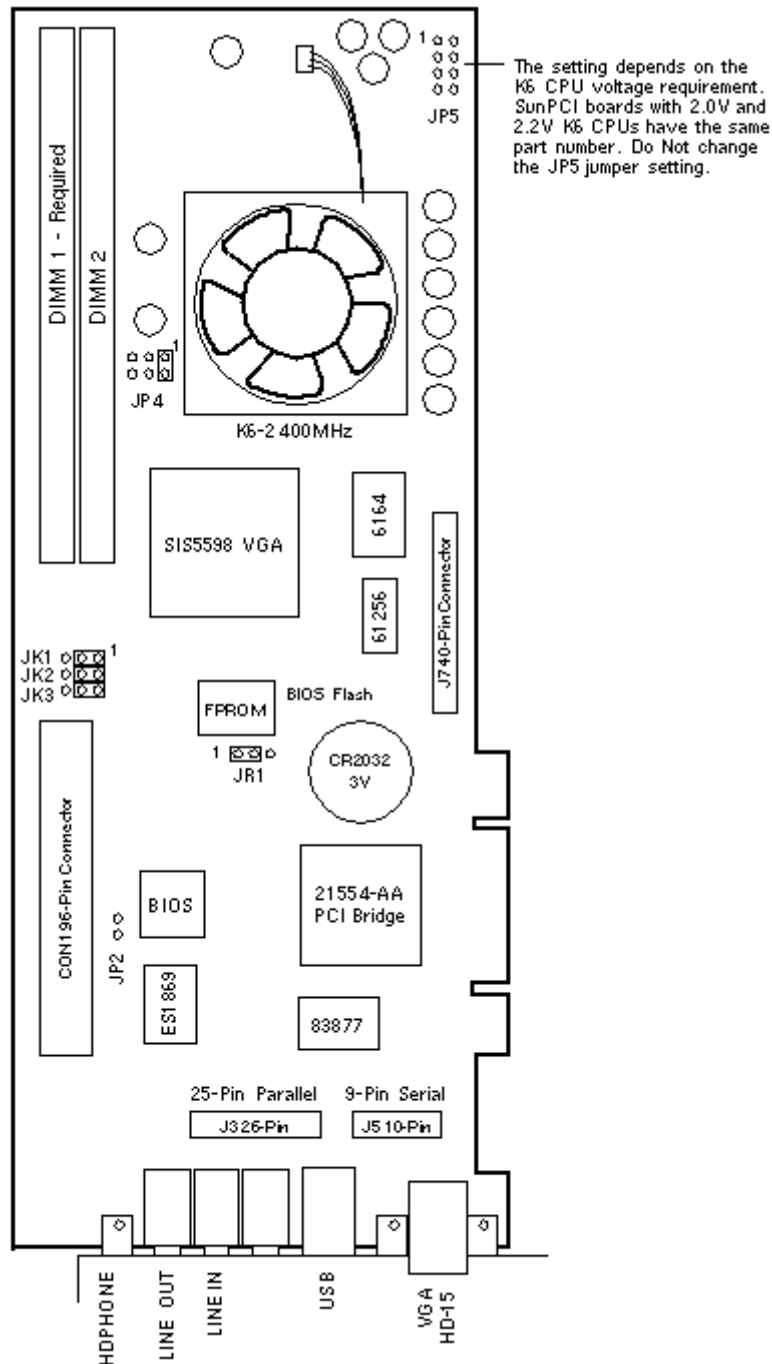
Codename: **Penguin**

Workstations:	Ultra 5, 10, 30, 60, 80, 450 Sun Blade 100, 1000, 2000
Servers:	Enterprise 220R, 420R

Option 1131A-64.2

375-0095

3.3/5V 64Bit 33MHz



Jumper Settings

JUMPER	PINS	SETTING	DESCRIPTION
JK1	1-3	In	66.8MHz CPU/33.4MHz PCI clock
JK2	1-3	In	66.8MHz CPU/33.4MHz PCI clock
JK3	1-3	In	66.8MHz CPU/33.4MHz PCI clock
JP2	1-2	Out	Normal mode (default)
	1-2	In	Manufacturing mode
JP4	1-2	In	AMD K6/K6+ clock multiplier
	3-4	Out	AMD K6/K6+ clock multiplier
	5-6	Out	AMD K6/K6+ clock multiplier
JP5	1-2	Out	2.2V CPU voltage *
	3-4	In	2.2V CPU voltage *
	5-6	Out	2.2V CPU voltage *
	7-8	Out	2.2V CPU voltage *
JR1	1-2	In	Normal (default)
	2-3	In	Flash recovery (not implemented)

* Do Not change the JP5 jumper setting.

Notes

1. The minimum operating system is Solaris 2.5.1.
2. DOS, Windows 3.x, Windows 95, and Windows NT are supported.
3. Use 64MB DIMM 370-3800 (Option 7041)
4. Use 128MB DIMM 370-3801 (Option 7035).
5. RS-232 signal levels are used. RS-423 is not available.
6. The Parallel/Serial Port Backpanel does not have a part number.
7. The Parallel/Serial Port Backpanel requires an adjacent PCI slot on the component side of the SunPCi.

PCI Slot Notes

1. SunPCi does not fit into Ultra 5, Slot 1 or Slot 2.
2. SunPCi does not fit into Ultra 10, Slot 1.
3. SunPCi does not fit into Ultra 30 or Ultra 60, Slot 4.
4. In the Ultra 30 and Ultra 60, the SunPCi fan housing can touch the solder side of a long PCI board installed in the second slot below a SunPCi. Install the card and side cover with the system in the service position.
5. SunPCi does not fit into Ultra 80, Slot 1 or Slot 4.
6. SunPCi does not fit into Ultra 450, Slot 1.

References

1. [SunPCi Installation Guide, 805-6055.](#)
2. [SunPCi User's Guide, 805-6058.](#)
3. [SunPCi DIMM Installation Guide, 805-7205.](#)
4. [Important Notice, 806-3164.](#)