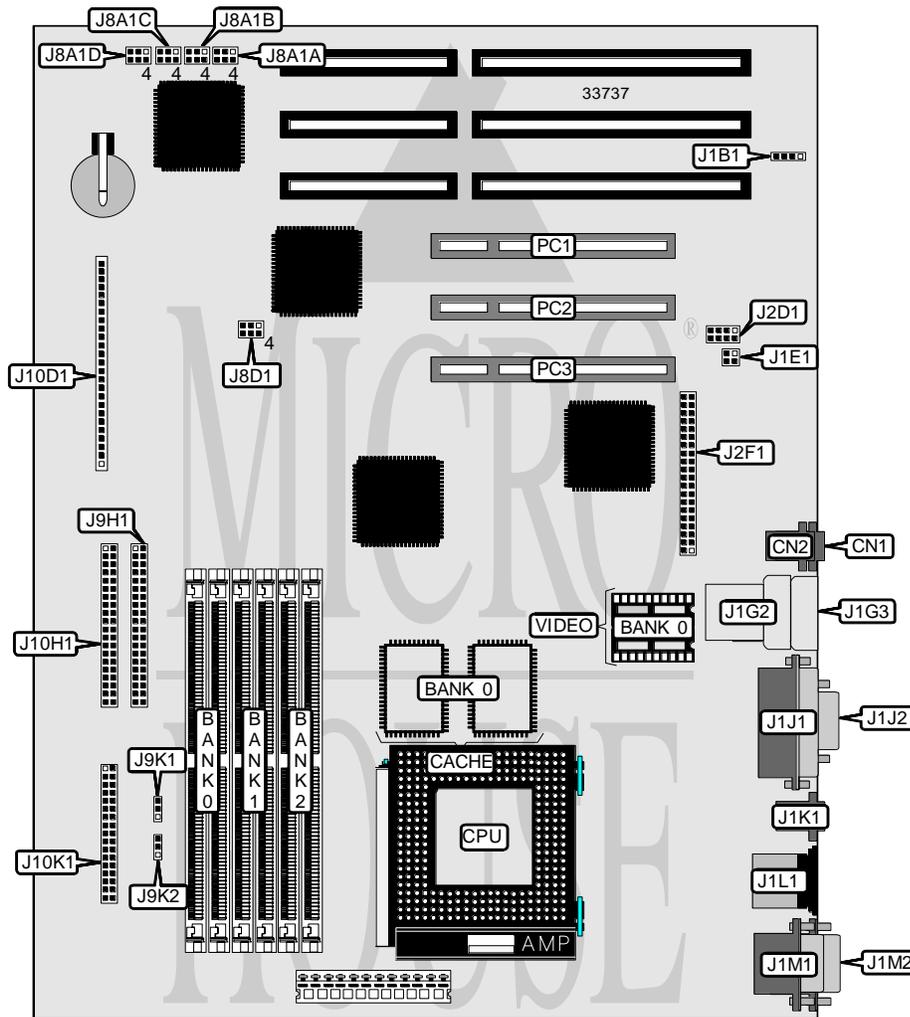


# INTEL CORPORATION NP430HX

<b>Processor</b>	Pentium
<b>Processor Speed</b>	75/90/100/120/133/150/166/200MHz
<b>Chip Set</b>	Intel
<b>Video Chip Set</b>	ATI
<b>Maximum Onboard Memory</b>	192MB (EDO supported)
<b>Maximum Video Memory</b>	2MB
<b>Cache</b>	256/512KB
<b>BIOS</b>	AMI/Intel
<b>Dimensions</b>	304mm x 243mm
<b>I/O Options</b>	32-bit PCI slots (3), Ethernet 10BaseT connector, floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VESA feature connector, VGA port, IR connector, USB connectors (2), soft off power supply, wavetable connector, telephony connector, audio out connector, microphone in connector, CD-ROM connector
<b>NPU Options</b>	None



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# INTEL CORPORATION

## NP430HX

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CONNECTIONS			
Purpose	Location	Purpose	Location
Microphone in connector	CN1	IDE interface 1	J9H1
Audio out connector	CN2	Chassis fan power	J9K1
CD-ROM connector	J1B1	Chassis fan power	J9K2
Telephony connector	J1E1	Front panel power switch	J10D1 pins 1 & 2
USB connector 1	J1G2	Green PC connector	J10D1 pins 3 & 4
USB connector 2	J1G3	IR connector	J10D1 pins 6 - 11
Parallel port	J1J1	IDE interface LED	J10D1 pins 13 - 16
VGA port	J1J2	Green PC LED	J10D1 pins 18 - 21
Ethernet 10BaseT connector	J1K1	Reset switch	J10D1 pins 22 & 23
PS/2 mouse port	J1L1	Speaker	J10D1 pins 24 - 27
Serial port 1	J1M1	IDE interface 2	J10H1
Serial port 2	J1M2	Floppy drive interface	J10K1
Wavetable connector	J2D1	32-bit PCI slots	PC1 - PC3
VESA feature connector	J2F1		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Password enabled	J8A1A	Pins 1 & 2 closed
Password disabled	J8A1A	Pins 2 & 3 closed
í CMOS memory normal operation	J8A1A	Pins 4 & 5 closed
CMOS memory clear	J8A1A	Pins 5 & 6 closed
í Setup access enabled	J8A1B	Pins 1 & 2 closed
Setup access disabled	J8A1B	Pins 2 & 3 closed

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
4MB	(2) 512K x 36	None	None
8MB	(2) 512K x 36	(2) 512K x 36	None
12MB	(2) 512K x 36	(2) 1M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36	None
16MB	(2) 2M x 36	None	None
20MB	(2) 1M x 36	(2) 1M x 36	(2) 512K x 36
20MB	(2) 2M x 36	(2) 512K x 36	None
24MB	(2) 2M x 36	(2) 1M x 36	None
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
28MB	(2) 2M x 36	(2) 1M x 36	(2) 512K x 36
32MB	(2) 4M x 36	None	None
32MB	(2) 2M x 36	(2) 2M x 36	None
40MB	(2) 4M x 36	(2) 1M x 36	None
40MB	(2) 4M x 36	(2) 512K x 36	(2) 512K x 36
44MB	(2) 4M x 36	(2) 1M x 36	(2) 512K x 36
48MB	(2) 4M x 36	(2) 2M x 36	None

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# INTEL CORPORATION

## NP430HX

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DRAM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
48MB	(2) 4M x 36	(2) 1M x 36	(2) 1M x 36
52MB	(2) 4M x 36	(2) 2M x 36	(2) 512K x 36
56MB	(2) 4M x 36	(2) 2M x 36	(2) 1M x 36
64MB	(2) 8M x 36	None	None
64MB	(2) 4M x 36	(2) 4M x 36	None
68MB	(2) 8M x 36	(2) 512K x 36	None
68MB	(2) 4M x 36	(2) 4M x 36	(2) 512K x 36
72MB	(2) 8M x 36	(2) 512K x 36	(2) 512K x 36
76MB	(2) 8M x 36	(2) 512K x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36	None
80MB	(2) 8M x 36	(2) 1M x 36	(2) 1M x 36
84MB	(2) 8M x 36	(2) 2M x 36	(2) 512K x 36
88MB	(2) 8M x 36	(2) 2M x 36	(2) 1M x 36
96MB	(2) 8M x 36	(2) 4M x 36	None
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
96MB	(2) 8M x 36	(2) 2M x 36	(2) 2M x 36
100MB	(2) 8M x 36	(2) 4M x 36	(2) 512K x 36
104MB	(2) 8M x 36	(2) 4M x 36	(2) 1M x 36
112MB	(2) 8M x 36	(2) 4M x 36	(2) 2M x 36
128MB	(2) 8M x 36	(2) 4M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36	None
132MB	(2) 8M x 36	(2) 8M x 36	(2) 512K x 36
136MB	(2) 8M x 36	(2) 8M x 36	(2) 1M x 36
192MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36

Note: Board accepts EDO memory. Board also accepts x 32 SIMMs.

CACHE CONFIGURATION		
Size	Bank 0	TAG
256KB	(2) 32K x 32	(1) 8K x 8
512KB	(2) 64K x 32	(1) 32K x 8

Note: Board will either have 256KB or 512KB cache installed. The location of the TAG is unidentified.

VIDEO MEMORY CONFIGURATION		
Size	Bank 0	Bank 1
1MB	1MB	None
2MB	1MB	1MB

Note: The size of the video memory chips are unidentified.

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# INTEL CORPORATION

## NP430HX

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CPU SPEED SELECTION				
CPU speed	Clock speed	Multiplier	J8A1C	J8A1D
75MHz	50MHz	1.5x	2 & 3, 5 & 6	1 & 2, 4 & 5
90MHz	60MHz	1.5x	2 & 3, 4 & 5	1 & 2, 4 & 5
100MHz	66MHz	1.5x	1 & 2, 5 & 6	1 & 2, 4 & 5
120MHz	60MHz	2x	2 & 3, 4 & 5	2 & 3, 4 & 5
133MHz	66MHz	2x	1 & 2, 5 & 6	2 & 3, 4 & 5
150MHz	60MHz	2.5x	2 & 3, 5 & 6	1 & 2, 5 & 6
166MHz	66MHz	2.5x	1 & 2, 5 & 6	2 & 3, 5 & 6
200MHz	66MHz	3x	1 & 2, 5 & 6	1 & 2, 5 & 6

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION	
Type	J8D1
VR or standard	Pins 4 & 5 closed
í VRE	Pins 5 & 6 closed