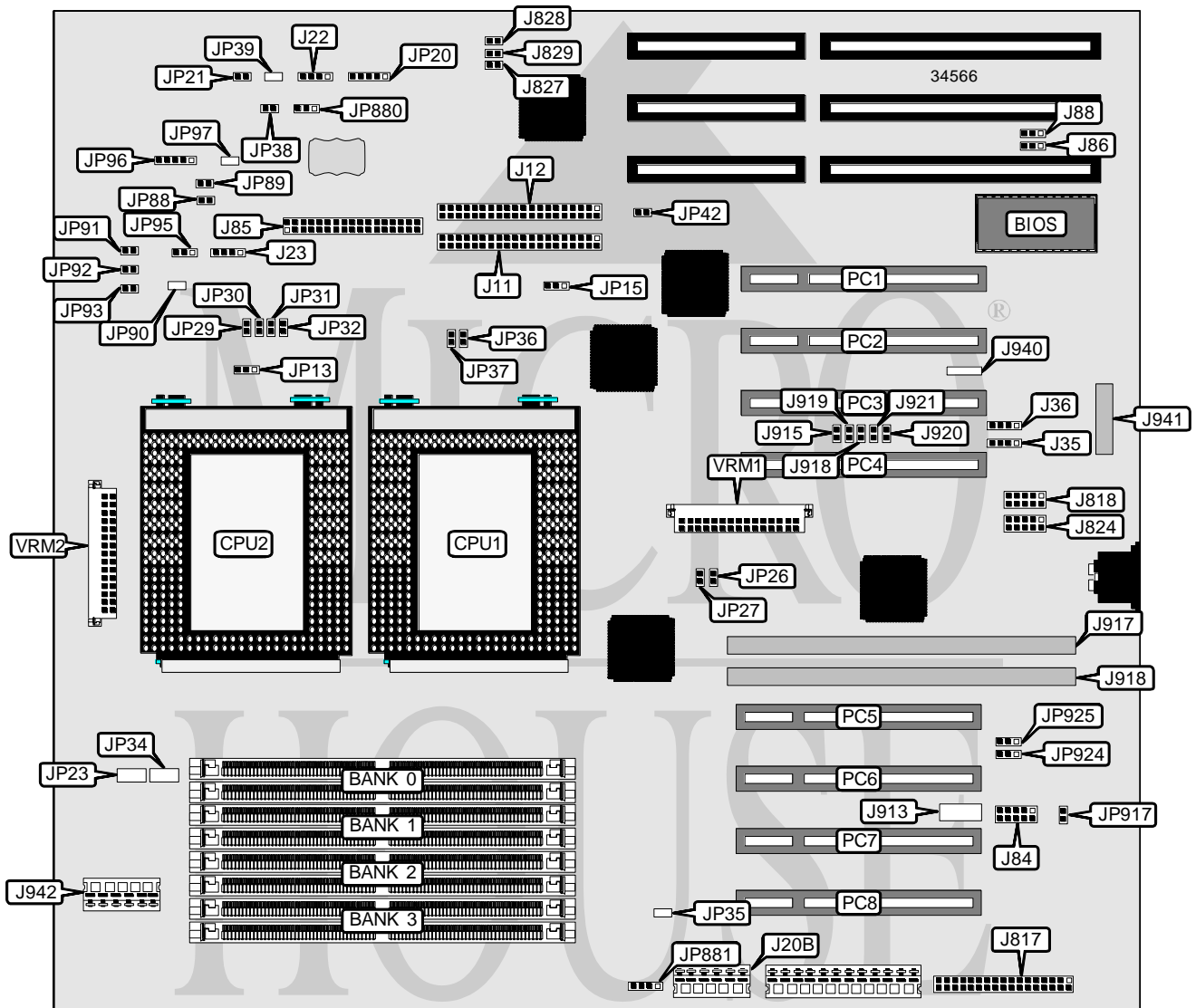


SUPER MICRO P6DNH, P6DNH2

Processor	Pentium Pro
Processor Speed	150/166/180/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	1GB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB (located on Pentium Pro CPU)
BIOS	AMI
Dimensions	355mm x 304mm
I/O Options	32-bit PCI slots (8), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, VRM connectors (2), USB connectors (2)
NPU Options	None



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SUPER MICRO

P6DNH, P6DNH2

... continued from previous page

CONNECTIONS			
Purpose	Location	Purpose	Location
IDE interface 1	J11	Power LED & keylock	JP20
IDE interface 2	J12	Reset switch	JP21
5v auxiliary power	J20B	Green PC connector	JP39
Speaker	J22	Buzzer	JP89
IDE interface LED	J23	Overheat LED	JP90
USB connector 1	J35	Backup cooling fan power	JP91
USB connector 2	J36	Backup cooling fan power	JP92
PS/2 mouse interface	J84	Backup cooling fan power	JP93
Floppy drive interface	J85	IR connector	JP96
Parallel port	J817	External battery	JP881
Serial port 1	J818	32-bit PCI slots	PC1 – PC8
Serial port 2	J824	VRM connector	VRM1
3.3v auxiliary power	J942	VRM connector	VRM2

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	J86	Pins 1 & 2 closed
í Factory configured - do not alter	J88	Pins 1 & 2 closed
í Factory configured - do not alter	J827	Closed
í Factory configured - do not alter	J828	Closed
í Factory configured - do not alter	J829	Closed
í Factory configured - do not alter	J913	Unidentified
í Factory configured - do not alter	J917	Unidentified
í Factory configured - do not alter	J918	Unidentified
í Factory configured - do not alter	J940	Unidentified
í Factory configured - do not alter	J941	Unidentified
í Factory configured - do not alter	JP13	Pins 2 & 3 closed
í Factory configured - do not alter	JP15	Pins 2 & 3 closed
í Factory configured - do not alter	JP23	Unidentified
í Factory configured - do not alter	JP26	Open
í Factory configured - do not alter	JP27	Closed
í Factory configured - do not alter	JP34	Unidentified
í Factory configured - do not alter	JP35	Unidentified
í Factory configured - do not alter	JP38	Open
ISA CLK = PCI CLK/4	JP42	Closed
ISA CLK = PCI CLK/3	JP42	Open
Buzzer control select standby	JP88	Closed
Buzzer control select disabled	JP88	Open
í Factory configured - do not alter	JP97	Unidentified
í CMOS memory normal operation	JP880	Pins 1 & 2 closed
CMOS memory clear	JP880	Pins 2 & 3 closed
í Factory configured - do not alter	JP917	Closed
í Factory configured - do not alter	JP924	Pins 1 & 2 closed
í Factory configured - do not alter	JP925	Pins 1 & 2 closed

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SUPER MICRO
P6DNH, P6DNH2

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SIMM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(2) 1M x 36	None	None	None
16MB	(2) 2M x 36	None	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None	None
24MB	(2) 2M x 36	(2) 1M x 36	None	None
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36	None
32MB	(2) 4M x 36	None	None	None
32MB	(2) 2M x 36	(2) 2M x 36	None	None
32MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
40MB	(2) 4M x 36	(2) 1M x 36	None	None
48MB	(2) 4M x 36	(2) 2M x 36	None	None
48MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36	None
64MB	(2) 8M x 36	None	None	None
64MB	(2) 4M x 36	(2) 4M x 36	None	None
64MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
72MB	(2) 8M x 36	(2) 1M x 36	None	None
80MB	(2) 8M x 36	(2) 2M x 36	None	None
96MB	(2) 8M x 36	(2) 4M x 36	None	None
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	None
128MB	(2) 8M x 36	(2) 8M x 36	None	None
128MB	(2) 16M x 36	None	None	None
128MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
136MB	(2) 16M x 36	(2) 1M x 36	None	None
144MB	(2) 16M x 36	(2) 2M x 36	None	None
160MB	(2) 16M x 36	(2) 4M x 36	None	None
192MB	(2) 16M x 36	(2) 8M x 36	None	None
192MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36	None
256MB	(2) 16M x 36	(2) 16M x 36	None	None
256MB	(2) 32M x 36	None	None	None
256MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36
264MB	(2) 32M x 36	(2) 1M x 36	None	None
272MB	(2) 32M x 36	(2) 2M x 36	None	None
288MB	(2) 32M x 36	(2) 4M x 36	None	None
320MB	(2) 32M x 36	(2) 8M x 36	None	None
384MB	(2) 32M x 36	(2) 16M x 36	None	None
384MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36	None
512MB	(2) 32M x 36	(2) 32M x 36	None	None
512MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36
768MB	(2) 32M x 36	(2) 32M x 36	(2) 32M x 36	None
1GB	(2) 32M x 36	(2) 32M x 36	(2) 32M x 36	(2) 32M x 36

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

CACHE CONFIGURATION
Note: 256KB/512KB cache is located on the Pentium Pro CPU.

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SUPER MICRO P6DNH, P6DNH2

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CPU SPEED SELECTION						
CPU speed	JP29	JP30	JP31	JP32	JP36	JP37
150MHz	Open	Closed	Closed	Closed	Closed	Open
166MHz	Open	Closed	Closed	Closed	Open	Closed
180MHz	Closed	Open	Closed	Closed	Closed	Open
200MHz	Closed	Open	Closed	Closed	Open	Closed

I960 SELECTION					
Setting	J915	J918	J919	J920	J921
í Mode 0	Open	Closed	Closed	Open	Closed
Mode 3	Open	Open	Open	Open	Closed

THERMAL CONTROL SELECTION		
Turn on	Turn off	JP95
55C	51C	Pins 1 & 2 closed
62C	58C	Pins 2 & 3 closed
69C	65C	Open

Note: Depending on temperature selected, a backup fan or alarm will sound, letting user know the system is overheating.