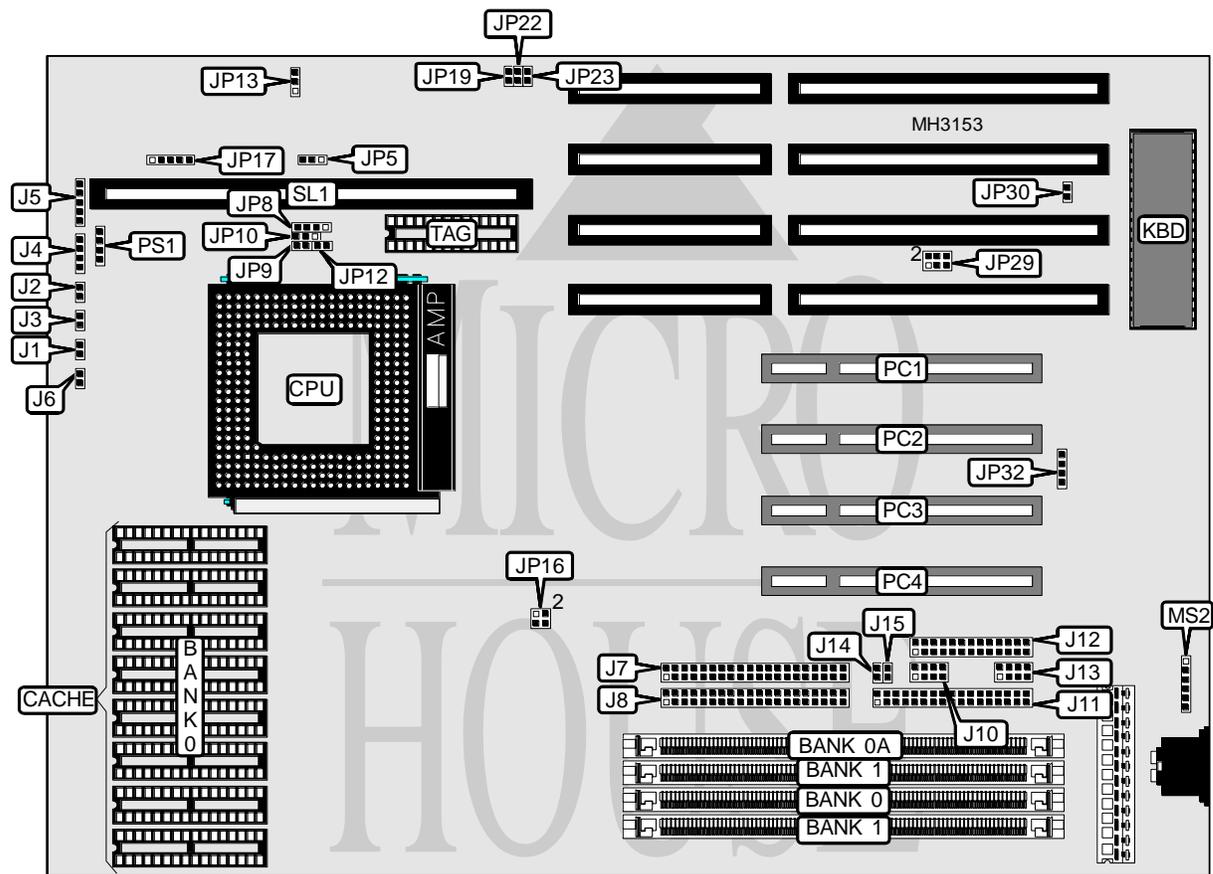


## ATC/UNITRON COMPUTER &amp; COMPUTER PARTS

U 6983

<b>Processor</b>	Pentium
<b>Processor Speed</b>	75/90/100/120/133/150MHz
<b>Chip Set</b>	Unidentified
<b>Max. Onboard DRAM</b>	256MB
<b>Cache</b>	256/512/1024KB
<b>BIOS</b>	Award
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), cache slot
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Turbo LED	J1	Parallel port	J12
Turbo switch	J2	Serial port 2	J13
Reset switch	J3	IDE interface LED 2	J14
Speaker	J4	IDE interface LED 1	J15
Power LED & keylock	J5	IR connector	JP32
Green PC connector	J6	PS/2 mouse interface (optional)	MS2
IDE interface 2	J7	32-bit PCI slots	PC1 - PC4
IDE interface 1	J8	Chassis fan power	PS1
Serial port 1	J10	Cache slot	SL1
Floppy drive interface	J11		

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CMOS memory normal operation	JP5	pins 1 & 2 closed
CMOS memory clear	JP5	pins 2 & 3 closed
í Factory configured - do not alter	JP8	N/A
í Factory configured - do not alter	JP10	N/A
í BIOS type select EPROM	JP13	Open
BIOS type select 5v flash	JP13	pins 1 & 2 closed
BIOS type select 12v flash	JP13	pins 2 & 3 closed
í Factory configured - do not alter	JP19	N/A
í Factory configured - do not alter	JP22	N/A
í Factory configured - do not alter	JP23	N/A
í Factory configured - do not alter	JP30	N/A

DRAM CONFIGURATION		
Size	Bank 0/0A	Bank 1
1MB*	(1) 256K x 36	NONE
2MB*	(1) 512K x 36	NONE
4MB*	(1) 1M x 36	NONE
8MB*	(1) 2M x 36	NONE
16MB*	(1) 4M x 36	NONE
32MB*	(1) 8M x 36	NONE
64MB*	(1) 16M x 36	NONE
2MB	(2) 256K x 36	NONE
4MB	(2) 512K x 36	NONE
4MB	(2) 256K x 36	(2) 256K x 36
6MB	(2) 512K x 36	(2) 256K x 36
6MB	(2) 256K x 36	(2) 512K x 36
8MB	(2) 1M x 36	NONE
8MB	(2) 512K x 36	(2) 512K x 36
10MB	(2) 1M x 36	(2) 256K x 36
10MB	(2) 256K x 36	(2) 1M x 36

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DRAM CONFIGURATION (CON'T)		
Size	Bank 0/OA	Bank 1
12MB	(2) 1M x 36	(2) 512K x 36
12MB	(2) 512K x 36	(2) 1M x 36
16MB	(2) 2M x 36	NONE
16MB	(2) 1M x 36	(2) 1M x 36
18MB	(2) 2M x 36	(2) 256K x 36
18MB	(2) 256K x 36	(2) 2M x 36
20MB	(2) 2M x 36	(2) 512K x 36
20MB	(2) 512K x 36	(2) 2M x 36
24MB	(2) 2M x 36	(2) 1M x 36
24MB	(2) 1M x 36	(2) 2M x 36
32MB	(2) 4M x 36	NONE
32MB	(2) 2M x 36	(2) 2M x 36
34MB	(2) 4M x 36	(2) 256K x 36
34MB	(2) 256K x 36	(2) 4M x 36
36MB	(2) 4M x 36	(2) 512K x 36
36MB	(2) 512K x 36	(2) 4M x 36
40MB	(2) 4M x 36	(2) 1M x 36
40MB	(2) 1M x 36	(2) 4M x 36
48MB	(2) 4M x 36	(2) 2M x 36
48MB	(2) 2M x 36	(2) 4M x 36
64MB	(2) 8M x 36	NONE
64MB	(2) 4M x 36	(2) 4M x 36
66MB	(2) 8M x 36	(2) 256K x 36
66MB	(2) 256K x 36	(2) 8M x 36
68MB	(2) 8M x 36	(2) 512K x 36
68MB	(2) 512K x 36	(2) 8M x 36
72MB	(2) 8M x 36	(2) 1M x 36
72MB	(2) 1M x 36	(2) 8M x 36
80MB	(2) 8M x 36	(2) 2M x 36
80MB	(2) 2M x 36	(2) 8M x 36
96MB	(2) 8M x 36	(2) 4M x 36
96MB	(2) 4M x 36	(2) 8M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	NONE
130MB	(2) 16M x 36	(2) 256K x 36
132MB	(2) 16M x 36	(2) 512K x 36
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36

Note: Sizes with an \* present use only Bank OA.

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CACHE CONFIGURATION			
Size	Bank 0	TAG	SL1
256KB (A)	(8) 32K x 8	(1) 16K x 8	Not installed
256KB (B)	NONE	NONE	Installed
512KB (A)	(8) 64K x 8	(1) 16K x 8	Not installed
512KB (B)	NONE	NONE	Installed
1MB	(8) 128K x 8	(1) 32K x 8	Not installed

CACHE JUMPER CONFIGURATION		
Size	JP8	JP10
256KB	pins 1 & 2 closed	pins 2 & 3 closed
512KB	pins 1 & 2, 3 & 4 closed	Open
1MB	pins 2 & 3 closed	pins 1 & 2 closed

Note: If SL1 is used, these jumpers are ignored.

CPU SPEED CONFIGURATION	
Speed	JP16
75MHz	Open
90MHz	pins 1 & 2 closed
100MHz	pins 1 & 2, 3 & 4 closed
120MHz	pins 1 & 2 closed
133MHz	pins 1 & 2, 3 & 4 closed
150MHz	pins 1 & 2 closed

CPU SPEED CONFIGURATION		
Speed	JP9	JP12
1.5x	Open	Open
2x	Closed	Open
2.5x	Closed	Closed

CPU VOLTAGE CONFIGURATION	
Voltage	JP17
3.3v	pins 1 & 2 closed
3.4v	pins 2 & 3 closed
3.55v	pins 4 & 5 closed

DMA CONFIGURATION	
DMA	JP29
DMA 1	pins 1 & 3, 2 & 4 closed
DMA 3	pins 3 & 5, 4 & 6 closed