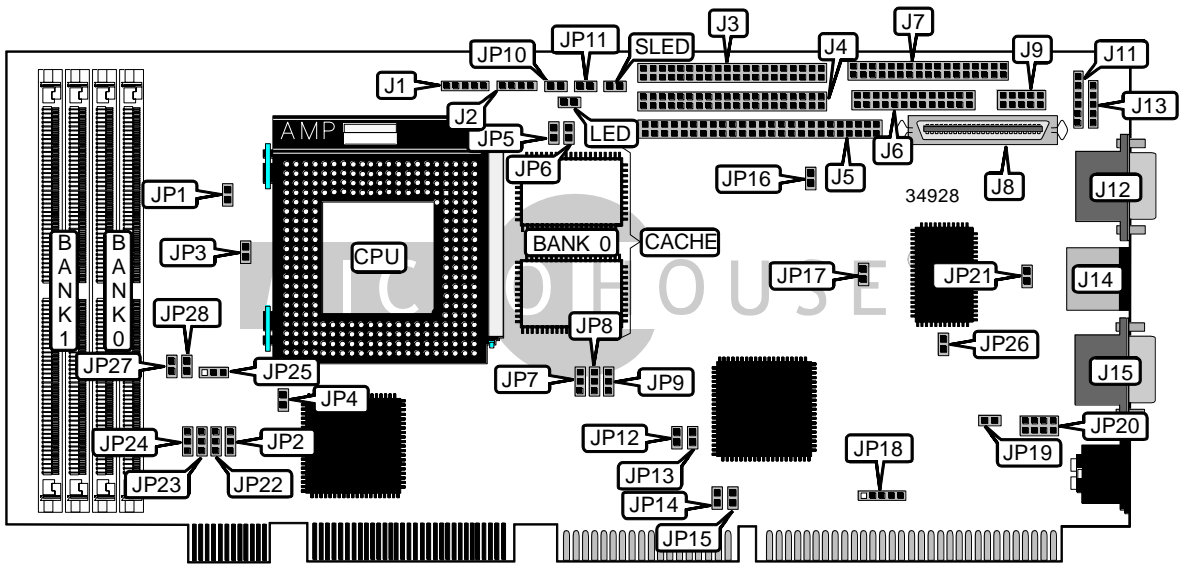


# TECHNOLAND, INC.

## PEAK 560S

|                               |  |
|-------------------------------|--|
| <b>Device Type</b>            | Mainboard  |
| <b>Processor</b>              | CX 6X86/CX M2/AM K5/AM K6/Pentium  |
| <b>Processor Speed</b>        | 75/90/100/120/133/150/166/180/200/233MHz   |
| <b>Chip Set</b>               | SIS  |
| <b>Video Chip Set</b>         | Unidentified   |
| <b>Maximum Onboard Memory</b> | 256MB (EDO supported) Unified Memory Architecture (UMA)  |
| <b>Cache</b>                  | 512KB  |
| <b>BIOS</b>                   | Award  |
| <b>Dimensions</b>             | 338mm x 122mm  |
| <b>I/O Options</b>            | Floppy drive interface, IDE interfaces (2), SCSI interface, Wide SCSI interface, parallel port, PS/2 mouse port, serial ports (2), VGA port, USB connector |
| <b>NPU Options</b>            | None   |



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| CONNECTIONS            |          |                              |          |
|------------------------|----------|------------------------------|----------|
| Purpose                | Location | Purpose                      | Location |
| Power LED & keylock    | J1       | VGA port                     | J12      |
| Speaker                | J2       | Auxiliary keyboard connector | J13      |
| IDE interface 2        | J3       | PS/2 mouse port              | J14      |
| IDE interface 1        | J4       | Serial port 1                | J15      |
| SCSI interface         | J5       | Reset switch                 | JP10     |
| Parallel port          | J6       | SCSI access connector        | JP11     |
| Floppy drive interface | J7       | IDE access connector         | JP17     |
| Wide SCSI interface    | J8       | Chassis fan power            | JP25     |
| Serial port 2          | J9       | Fan to see alarm connector   | LED      |
| USB connector          | J11      | SCSI interface LED           | SLED     |

| USER CONFIGURABLE SETTINGS      |       |          |
|---------------------------------|-------|----------|
| Function                        | Label | Position |
| í Pipeline mode enabled         | JP4   | Closed   |
| Pipeline mode disabled          | JP4   | Open     |
| í Cache type select write back  | JP5   | Open     |
| Cache type select write through | JP5   | Closed   |
| í SCSI data type select 8-bit   | JP14  | Open     |
| SCSI data type select 16-bit    | JP14  | Closed   |
| í SCSI termination enabled      | JP16  | Closed   |
| SCSI termination disabled       | JP16  | Open     |
| í CMOS memory normal operation  | JP19  | Open     |
| CMOS memory clear               | JP19  | Closed   |
| í On board I/O enabled          | JP21  | Open     |
| On board I/O disabled           | JP21  | Closed   |
| í Fan to see control disabled   | JP26  | Open     |
| Fan to see control enabled      | JP26  | Closed   |

| SIMM CONFIGURATION |             |             |
|--------------------|-------------|-------------|
| Size               | Bank 0      | Bank 1      |
| 8MB                | (2) 1M x 36 | None        |
| 16MB               | (2) 2M x 36 | None        |
| 16MB               | (2) 1M x 36 | (2) 1M x 36 |
| 24MB               | (2) 2M x 36 | (2) 1M x 36 |
| 32MB               | (2) 4M x 36 | None        |
| 32MB               | (2) 2M x 36 | (2) 2M x 36 |
| 40MB               | (2) 4M x 36 | (2) 1M x 36 |

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| SIMM CONFIGURATION (CON'T) |              |              |
|----------------------------|--------------|--------------|
| Size                       | Bank 0       | Bank 1       |
| 48MB                       | (2) 4M x 36  | (2) 2M x 36  |
| 64MB                       | (2) 8M x 36  | None         |
| 64MB                       | (2) 4M x 36  | (2) 4M x 36  |
| 72MB                       | (2) 8M x 36  | (2) 1M x 36  |
| 80MB                       | (2) 8M x 36  | (2) 2M x 36  |
| 96MB                       | (2) 8M x 36  | (2) 4M x 36  |
| 128MB                      | (2) 8M x 36  | (2) 8M x 36  |
| 128MB                      | (2) 16M x 36 | None         |
| 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: Board accepts EDO memory.

| CACHE CONFIGURATION |              |
|---------------------|--------------|
| Size                | Bank 0       |
| 512KB               | (2) 64K x 32 |

| CPU SPEED SELECTION (CX 6X86) |             |            |       |       |       |        |        |
|-------------------------------|-------------|------------|-------|-------|-------|--------|--------|
| CPU speed                     | Clock speed | Multiplier | JP7   | JP8   | JP9   | JP12   | JP13   |
| 120MHz                        | 50MHz       | 2x         | 2 & 3 | 1 & 2 | 2 & 3 | Closed | Closed |
| 150MHz                        | 60MHz       | 2x         | 2 & 3 | 1 & 2 | 2 & 3 | Open   | Closed |
| 166MHz                        | 66MHz       | 2x         | 2 & 3 | 1 & 2 | 2 & 3 | Closed | Open   |

Note: Pins designated should be in the closed position.

| CPU SPEED SELECTION (CX M2) |             |            |       |       |       |        |      |
|-----------------------------|-------------|------------|-------|-------|-------|--------|------|
| CPU speed                   | Clock speed | Multiplier | JP7   | JP8   | JP9   | JP12   | JP13 |
| 166MHz                      | 66MHz       | 2x         | 2 & 3 | 1 & 2 | 2 & 3 | Closed | Open |
| 200MHz                      | 66MHz       | 2.5x       | 2 & 3 | 2 & 3 | 2 & 3 | Closed | Open |
| 233MHz                      | 66MHz       | 3x         | 1 & 2 | 2 & 3 | 2 & 3 | Closed | Open |

Note: Pins designated should be in the closed position.

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| CPU SPEED SELECTION (AM K5) |             |            |       |       |       |        |        |
|-----------------------------|-------------|------------|-------|-------|-------|--------|--------|
| CPU speed                   | Clock speed | Multiplier | JP7   | JP8   | JP9   | JP12   | JP13   |
| 75MHz                       | 50MHz       | 1.5x       | 1 & 2 | 1 & 2 | 2 & 3 | Closed | Closed |
| 90MHz                       | 60MHz       | 1.5x       | 1 & 2 | 1 & 2 | 2 & 3 | Open   | Closed |
| 100MHz                      | 66MHz       | 1.5x       | 1 & 2 | 1 & 2 | 2 & 3 | Closed | Open   |
| 120MHz                      | 60MHz       | 2x         | 2 & 3 | 1 & 2 | 2 & 3 | Open   | Closed |
| 133MHz                      | 66MHz       | 2x         | 2 & 3 | 1 & 2 | 2 & 3 | Closed | Open   |
| 150MHz                      | 60MHz       | 2.5x       | 2 & 3 | 2 & 3 | 2 & 3 | Open   | Closed |
| 166MHz                      | 66MHz       | 2.5x       | 2 & 3 | 2 & 3 | 2 & 3 | Closed | Open   |

Note: Pins designated should be in the closed position.

| CPU SPEED SELECTION (AM K6) |             |            |       |       |       |        |      |
|-----------------------------|-------------|------------|-------|-------|-------|--------|------|
| CPU speed                   | Clock speed | Multiplier | JP7   | JP8   | JP9   | JP12   | JP13 |
| 166MHz                      | 66MHz       | 2.5x       | 2 & 3 | 2 & 3 | 2 & 3 | Closed | Open |
| 200MHz                      | 66MHz       | 3x         | 1 & 2 | 2 & 3 | 2 & 3 | Closed | Open |
| 233MHz                      | 66MHz       | 3.5x       | 1 & 2 | 1 & 2 | 2 & 3 | Closed | Open |

Note: Pins designated should be in the closed position.

| CPU SPEED SELECTION (INTEL) |             |            |       |       |       |        |        |
|-----------------------------|-------------|------------|-------|-------|-------|--------|--------|
| CPU speed                   | Clock speed | Multiplier | JP7   | JP8   | JP9   | JP12   | JP13   |
| 75MHz                       | 50MHz       | 1.5x       | 1 & 2 | 1 & 2 | 2 & 3 | Closed | Closed |
| 90MHz                       | 60MHz       | 1.5x       | 1 & 2 | 1 & 2 | 2 & 3 | Open   | Closed |
| 100MHz                      | 66MHz       | 1.5x       | 1 & 2 | 1 & 2 | 2 & 3 | Closed | Open   |
| 120MHz                      | 60MHz       | 2x         | 2 & 3 | 1 & 2 | 2 & 3 | Open   | Closed |
| 133MHz                      | 66MHz       | 2x         | 2 & 3 | 1 & 2 | 2 & 3 | Closed | Open   |
| 150MHz                      | 60MHz       | 2.5x       | 2 & 3 | 2 & 3 | 2 & 3 | Open   | Closed |
| 166MHz                      | 66MHz       | 2.5x       | 2 & 3 | 2 & 3 | 2 & 3 | Closed | Open   |
| 180MHz                      | 60MHz       | 3x         | 1 & 2 | 2 & 3 | 2 & 3 | Open   | Closed |
| 200MHz                      | 66MHz       | 3x         | 1 & 2 | 2 & 3 | 2 & 3 | Closed | Open   |

Note: Pins designated should be in the closed position.

| CPU SPEED SELECTION (INTEL MMX) |             |            |       |       |       |        |      |
|---------------------------------|-------------|------------|-------|-------|-------|--------|------|
| CPU speed                       | Clock speed | Multiplier | JP7   | JP8   | JP9   | JP12   | JP13 |
| 166MHz                          | 66MHz       | 2.5x       | 2 & 3 | 2 & 3 | 2 & 3 | Closed | Open |
| 200MHz                          | 66MHz       | 3x         | 1 & 2 | 2 & 3 | 2 & 3 | Closed | Open |
| 233MHz                          | 66MHz       | 3.5x       | 1 & 2 | 1 & 2 | 2 & 3 | Closed | Open |

Note: Pins designated should be in the closed position.

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| CPU TYPE SELECTION |        |
|--------------------|--------|
| Type               | JP6    |
| AMD                | Open   |
| Cyrix              | Closed |
| Intel              | Open   |

| CPU VOLTAGE SELECTION |        |        |        |        |
|-----------------------|--------|--------|--------|--------|
| Voltage               | JP1    | JP3    | JP27   | JP28   |
| 2.8v                  | Closed | Closed | Open   | Open   |
| 2.9v                  | Closed | Closed | Closed | Open   |
| 3.2v                  | Closed | Closed | Open   | Closed |
| 3.3v                  | Open   | Open   | Open   | Open   |

| M SYSTEM ADDRESS SELECTION |                   |
|----------------------------|-------------------|
| Address                    | JP20              |
| C0000                      | Pins 1 & 2 closed |
| C8000                      | Pins 3 & 4 closed |
| D0000                      | Pins 5 & 6 closed |
| í D8000                    | Pins 7 & 8 closed |

| BIOS SELECTION |                          |
|----------------|--------------------------|
| Setting        | JP18                     |
| EPROM          | Pins 2 & 3 closed        |
| í 5v flash     | Pins 2 & 3, 4 & 5 closed |
| 12v flash      | Pins 1 & 2, 4 & 5 closed |

| PS/2 MOUSE SELECTION |        |                   |
|----------------------|--------|-------------------|
| Setting              | JP15   | JP22              |
| í Enabled            | Open   | Pins 1 & 2 closed |
| Disabled             | Closed | Pins 2 & 3 closed |

| ON BOARD VGA SELECTION |                   |                   |                   |
|------------------------|-------------------|-------------------|-------------------|
| Setting                | JP2               | JP23              | JP24              |
| í Enabled              | Pins 2 & 3 closed | Pins 1 & 2 closed | Pins 1 & 2 closed |
| Disabled               | Pins 1 & 2 closed | Pins 2 & 3 closed | Pins 2 & 3 closed |