# BIOSTAR MICROTECH INTERNATIONAL CORPORATION MB-1420/1425/1433PB <br> MB-1420/1425/1433PV 

Processor
Processor Speed
Chip Set
Max. Onboard DRAM
Cache
BIOS
Dimensions
I/O Options NPU Options

80486SX/80487SX/80486DX/80486DX2
20/25/33/50(internal)/50/66(internal)MHz Unidentified
32MB
None
AMI
$254 \mathrm{~mm} \times 218 \mathrm{~mm}$
None
4167


| CONNECTIONS |  |  |  |
| :--- | :---: | :--- | :---: |
| Purpose | Location | Purpose | Location |
| Power LED \& keylock | J1 | Turbo switch | JP6 |
| Speaker | J2 | External battery | JP8 |
| Turbo LED | J3 | Reset switch | SW1 |

Continued on next page. .

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| USER CONFIGURABLE SETTINGS |  |  |
| :--- | :---: | :---: |
| Function | Jumper | Position |
| í Monitor type select color | JP5 | Closed |
| Monitor type select monochrome | JP5 | Open |
| í CMOS memory normal operation | JP7 | pins 2 \& 3 closed |
| CMOS memory clear | JP7 | pins $1 \& 2$ closed |


| DRAM CONFIGURATION |  |  |
| :---: | :---: | :---: |
| Size | Bank 0 | Bank 1 |
| 1 MB | $(4) 256 \mathrm{~K} \times 9$ | NONE |
| 2 MB | (4) $256 \mathrm{~K} \times 9$ | $(4) 256 \mathrm{~K} \times 9$ |
| 4 MB | (4) $1 \mathrm{M} \times 9$ | NONE |
| 5 MB | (4) $1 \mathrm{M} \times 9$ | (4) $256 \mathrm{~K} \times 9$ |
| 8 MB | (4) $1 \mathrm{M} \times 9$ | (4) $1 \mathrm{M} \times 9$ |
| 16 MB | (4) $4 \mathrm{M} \times 9$ | NONE |
| 32 MB | (4) $4 \mathrm{M} \times 9$ | (4) $4 \mathrm{M} \times 9$ |


| CPU TYPE CONFIGURATION |  |  |  |
| :---: | :---: | :---: | :---: |
| Type | JP9 | JP10 | JP11 |
| 80486 SX | Open | pins 2 \& 3 closed | Open |
| 80487 SX | pins 2 \& 3 closed | pins 1 \& 2 closed | Closed |
| 80486DX | pins 1 \& 2 closed | pins 1 \& 2 closed | Closed |
| $80486 \mathrm{DX2}$ | pins 1 \& 2 closed | pins 1 \& 2 closed | Closed |


| KEYBOARD BIOS CONFIGURATION |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Type | JP1 | JP2 | JP3 | JP4 |  |
| $8042(23$ pins | Closed | Open | Open | Open |  |
| $8042(24$ pins $)$ | Open | Closed | Open | Open |  |
| $8042(27$ pins | Open | Open | Closed | Open |  |
| $8042(30$ pins $)$ | Open | Open | Open | Closed |  |

