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The following table shows the supported CPUs for this motherboard [Click here to search other motherboards.](#)

| CPU | Validated since PCB | Validated since BIOS | Note |
|----------------|---------------------|----------------------|------|
| Core™ i3-10100 | | ALL | |

P5VDC-MX

| | | | |
|---|-----|------|----|
| LGA775)E0,EM64T | | | |
| Celeron D 326(2.53 GHz, 533 FSB, revG1, LGA775) | ALL | 0110 | GO |
| Celeron D 330J (2.66 GHz, 533 FSB, LGA775) | ALL | ALL | GO |
| Celeron D 331(2.66 GHz, 533 FSB, LGA775)E0,EM64T | ALL | ALL | GO |
| Celeron D 331(2.66 GHz, 533 FSB, revG1, LGA775) | ALL | 0110 | GO |
| Celeron D 335J (2.80 GHz, 533 FSB, LGA775) | ALL | ALL | GO |
| Celeron D 336 (2.80 GHz, 533 FSB, LGA775)E0,EM64T | ALL | ALL | GO |
| Celeron D 336 (2.80 GHz, 533 FSB, revG1, LGA775) | ALL | 0110 | GO |
| Celeron D 340J (2.93 GHz, 533 FSB, LGA775) | ALL | ALL | GO |
| Celeron D 341 (2.93 GHz, 533 FSB, LGA775)E0,EM64T | ALL | 0304 | GO |
| Celeron D 341 (2.93 GHz, 533 FSB, revG1, LGA775) | ALL | 0110 | GO |
| Celeron D 345J (3.06 GHz, 533 FSB, LGA775) | ALL | ALL | GO |
| Celeron D 346 (3.06 GHz, 533 FSB, LGA775)E0,EM64T | ALL | 0304 | GO |
| Celeron D 346 (3.06 GHz, 533 FSB, revG1, LGA775) | ALL | 0110 | GO |

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|---|-----|------|---|
| LGA775)E0,EM64T | | | |
| Celeron D 351 (3.2 GHz, 533 FSB, revG1, LGA775) | ALL | 0401 |  |
| Celeron D 352 (65nm,3.20 GHz, 533 FSB, L2:512KB, revD0, LGA775) | ALL | 0601 |  |
| Celeron D 352 (revC1,65nm,3.20 GHz, 533 FSB, L2:512KB, LGA775) | ALL | 0503 |  |
| Celeron D 355 (3.33 GHz, 533 FSB, L2:256KB, revG1, LGA775) | ALL | 0110 |  |
| Celeron D 356 (65nm,3.33 GHz, 533 FSB, L2:512KB, revD0, LGA775) | ALL | 0601 |  |
| Celeron D 356 (revB1, 65nm,3.33 GHz, 533 FSB, L2:512KB, LGA775) | ALL | 0401 |  |
| Celeron D 356 (revC1,65nm,3.33 GHz, 533 FSB, L2:512KB, LGA775) | ALL | 0503 |  |
| Celeron D 360 (65nm,3.46 GHz, 533 FSB, L2:512KB, revD0, LGA775) | ALL | 0601 |  |
| Celeron D 365 (65nm,3.60 GHz, 533 FSB, L2:512KB, revD0, LGA775) | ALL | 0601 |  |
| P4-3.20F GHz (EM64T) | ALL | 0304 |  |
| P4-3.40 GHz Extreme Ed. (800 FSB, HT, revM0, LGA775) | ALL | 0304 |  |
| | | | CPU of Northwood M0 stepping and SmithField A0 stepping can only be supported before BIOS 0807. |

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|---|-----|------|----|---|
| revR0) | | | | |
| P4-3.46 GHz Extreme Ed. (1066 FSB, HT, revM0, LGA775) | ALL | 0304 | GO | CPU of Northwood M0 stepping and SmithField A0 stepping can only be supported before BIOS 0807. |
| P4-3.60F GHz (EM64T) | ALL | 0304 | GO | |
| P4-3.73 GHz Extreme Ed. (1066 FSB, HT, revN0, LGA775) | ALL | 0304 | GO | |
| P4-3.80F GHz (EM64T) | ALL | 0304 | GO | |
| P4-3.80GHz(FSB800, revR0) | ALL | 0401 | GO | |
| P4-505/505J (2.66 GHz) (533 FSB) (E0,D0) | ALL | 0304 | GO | |
| P4-506 (2.66 GHz) (533 FSB, EM64T) (E0,D0) | ALL | 0304 | GO | |
| P4-506 (2.66 GHz) (533 FSB, EM64T, revG1) | ALL | 0304 | GO | |
| P4-511 (2.8 GHz) (533 FSB, EM64T, revG) | ALL | 0304 | GO | |
| P4-511 (2.8 GHz) (533 FSB, revE0, EM64T) | ALL | 0304 | GO | |
| P4-515 (2.93 GHz) (533 FSB)(E0,D0) | ALL | 0304 | GO | |
| P4-516 (2.93 GHz) | | 0304 | | |

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| | | | |
|--|-----|------|---|
| revG1) | | |  |
| P4-519K (3.06 GHz) (533 FSB, EM64T, revG1) | ALL | 0304 |  |
| P4-520/520J (2.8E GHz) (800 FSB) (D0) | ALL | ALL |  |
| P4-520/520J (2.8E GHz) (800 FSB) (E0) | ALL | 0809 |  |
| P4-521 (2.8GHz, 800 FSB,HT, L2 1MB)(D0,E0) | ALL | 0304 |  |
| P4-524 (3.06GHz, 533 FSB,HT, L2 1M, revG1) | ALL | 0503 |  |
| P4-530/530J (3E GHz) (800 FSB) (D0,E0) | ALL | ALL |  |
| P4-531 (3GHz, 800 FSB, L2 1MB) (D0,E0) | ALL | 0304 |  |
| P4-540/540J (3.2E GHz) (800 FSB) (E0,D0) | ALL | ALL |  |
| P4-541 (3.2GHz, 800 FSB, L2 1MB) (E0,D0) | ALL | ALL |  |
| P4-550/550J (3.4E GHz) (800 FSB) (D0,E0) | ALL | ALL |  |
| P4-551 (3.4GHz, 800 FSB, L2 1MB,D0,E0) | ALL | 0304 |  |
| P4-560/560J (3.6 GHz) (800 FSB) (D0,E0) | ALL | ALL |  |

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|---|-----|------|---|
| (800 FSB) (D0,EU) | | |  |
| P4-571 (3.8GHz, 800 FSB, L2 1MB VEO) | ALL | 0304 |  |
| P4-630 (3.0E GHz, 800 FSB, L2:2MB, EM64T, HT) | ALL | ALL |  |
| P4-631 (65nm,3.0GHz, 800 FSB, L2:2MB, revB1) | ALL | 0110 |  |
| P4-631 (65nm,3.0GHz, 800 FSB, L2:2MB, revD0) | ALL | 0601 |  |
| P4-640 (3.2E GHz, 800 FSB, L2:2MB, EM64T, HT) | ALL | ALL |  |
| P4-641 (65nm,3.2GHz, 800 FSB, L2:2MB, revB1) | ALL | 0110 |  |
| P4-641 (65nm,3.2GHz, 800 FSB, L2:2MB, revD0) | ALL | 0601 |  |
| P4-650 (3.4E GHz, 800 FSB, L2:2MB, EM64T, HT) | ALL | ALL |  |
| P4-651 (65nm,3.4GHz, 800 FSB, L2:2MB, revB1) | ALL | 0110 |  |
| P4-651 (65nm,3.4GHz, 800 FSB, L2:2MB, revD0) | ALL | 0601 |  |
| P4-660 (3.6E GHz, 800 FSB, L2:2MB, EM64T, HT) | ALL | ALL |  |

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|--|-----|------|----|---|
| FSB, L2:2MB, revD0) | | | | |
| P4-662 (3.6 GHz, 800 FSB, L2:2MB, EM64T, HT, revR0) | ALL | 0110 | GO | |
| P4-670 (3.8 GHz, 800 FSB, L2:2MB,N0) | ALL | ALL | GO | |
| P4-672 (3.8 GHz, 800 FSB, L2:2MB, revR0) | ALL | 0110 | GO | |
| Pentium D 805 (2.66 GHz, 533 FSB, revB0) | ALL | 0304 | GO | |
| Pentium D 820 (2.8 GHz, 800 FSB, revA0) | ALL | ALL | GO | CPU of Northwood M0 stepping and SmithField A0 stepping can only be supported before BIOS 0807. |
| Pentium D 830 (3.0 GHz, 800 FSB, revA0) | ALL | ALL | GO | CPU of Northwood M0 stepping and SmithField A0 stepping can only be supported before BIOS 0807. |
| Pentium D 840 (3.2 GHz, 800 FSB, revA0) | ALL | ALL | GO | CPU of Northwood M0 stepping and SmithField A0 stepping can only be supported before BIOS 0807. |
| Pentium D 915(2.8GHz, 800 FSB, L2 4MB, revC1, without VT function) | ALL | 0601 | GO | |
| Pentium D 915(2.8GHz, 800 FSB, L2 4MB, revD0,without VT function) | ALL | 0709 | GO | |
| Pentium D 920(2.8GHz, 800 FSB, L2 4MB, revB1) | ALL | 0110 | GO | |
| Pentium D | | | | |

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|--|-----|------|---|----------------------------------|
| Pentium D 930(3.0GHz, 800 FSB, L2 4MB, revB1) | ALL | |  | |
| Pentium D 930(3.0GHz, 800 FSB, L2 4MB, revC1) | ALL | 0503 |  | |
| Pentium D 935(3.2GHz, 800 FSB, L2 4MB, 95W, revD0) | ALL | 0709 |  | |
| Pentium D 940(3.2GHz, 800 FSB, L2 4MB, revB1) | ALL | 0110 |  | |
| Pentium D 940(3.2GHz, 800 FSB, L2 4MB, revC1) | ALL | 0403 |  | |
| Pentium D 945(3.4GHz, 800 FSB, L2 4MB, revC1, without VT function) | ALL | 0601 |  | |
| Pentium D 945(3.4GHz, 800 FSB, L2 4MB, revD0, without VT function) | ALL | 0601 |  | 0601 For 1.03G 0709 For 2.00G |
| Pentium D 950(3.4GHz, 800 FSB, L2 4MB, revB1) | ALL | 0110 |  | |
| Pentium D 950(3.4GHz, 800 FSB, L2 4MB, revC1) | ALL | 0403 |  | |
| Pentium D 950(3.4GHz, 800 FSB, L2 4MB, revD0) | ALL | 0709 |  | |
| Pentium D 960(3.6GHz, 800 FSB, L2 4MB, revC1) | ALL | 0403 |  | |
| Pentium D 960(3.6GHz, 800 FSB, L2 4MB, revD0) | ALL | 0601 |  | 0601 For 1.03G 0709 For 2.00G |

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