

P5E3



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CPU SUPPORT

CPU Support

Memory / Device Support

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

CPU	Validated since PCB	Validated since BIOS	Note
Celeron 420(1.60GHz,800 FSB,L2 512KB,LGA775,revA1)	ALL	0403	GO

CPU	Validated since PCB	Validated since BIOS	Note
Celeron 430(1.80GHz,800 FSB,L2 512KB,LGA775,revA1)	ALL	0403 	
Celeron 440(2.00GHz,800 FSB,L2 512KB,LGA775,revA1)	ALL	0403 	
Celeron 450(2.2GHz,800 FSB,L2 512KB,LGA775,revA1)	ALL	1104 	
Celeron Dual Core E1200(revM0,1.6GHz,800 FSB,L2:512K)	ALL	0808 	
Celeron Dual Core E1500(revM0,2.2GHz,800 FSB,L2: 512K)	ALL	0808 	
Celeron Dual Core E3200(revR0,2.4GHz,800 FSB,L2: 1M)	ALL	1301 	
Celeron Dual Core E3300(revR0,2.5GHz,800 FSB,L2: 1M)	ALL	1301 	
Celeron Dual Core E3400(revR0,2.6GHz,800 FSB,L2: 1M)	ALL	1404 	
Core 2 Duo E4300 (1.8GHz,800FSB,L2:2MB,65W,rev.L2)	ALL	0403 	
Core 2 Duo E4400 (2.0GHz,800FSB,L2:2MB,65W,rev.M0)	ALL	0403 	
Core 2 Duo E4500 (2.2GHz,800FSB,L2:2MB,65W,rev.M0)	ALL	0403 	
Core 2 Duo E4600 (2.4GHz,800FSB,L2:2MB,65W,rev.M0)	ALL	0403 	
Core 2 Duo E4700 (2.6GHz,800FSB,L2:2MB,revG0)	ALL	0808 	
Core 2 Duo E6300 (1.86GHz,1066FSB,L2:2MB,rev.B2)	ALL	0403 	

CPU	Validated since PCB	Validated since BIOS	Note
Core 2 Duo E6300 (1.86GHz,1066FSB,L2:2MB,rev.L2)	ALL	0403 	
Core 2 Duo E6320 (1.86GHz,1066FSB,L2:4MB,rev.B2)	ALL	0403 	
Core 2 Duo E6400 (2.13GHz,1066FSB,L2:2MB,rev.B2)	ALL	0403 	
Core 2 Duo E6400 (2.13GHz,1066FSB,L2:2MB,rev.L2)	ALL	0403 	
Core 2 Duo E6420 (2.13GHz,1066FSB,L2:4MB,rev.B2)	ALL	0403 	
Core 2 Duo E6550 (2.33GHz,1333FSB,L2:4MB,rev.G0)	ALL	0403 	
Core 2 Duo E6600 (2.40GHz,1066FSB,L2:4MB,rev.B2)	ALL	0403 	
Core 2 Duo E6700 (2.66GHz,1066FSB,L2:4MB,rev.B2)	ALL	0403 	
Core 2 Duo E6750 (2.66GHz,1333FSB,L2:4MB,rev.G0)	ALL	0403 	
Core 2 Duo E6850 (3.00GHz,1333FSB,L2:4MB,rev.G0)	ALL	0403 	
Core 2 Duo E7200(2.53GHz,1066FSB,L2:3MB,rev.M0)	ALL	1002 	
Core 2 Duo E7300(2.66GHz,1066FSB,L2:3MB,rev.M0)	ALL	1002 	
Core 2 Duo E7400(2.80GHz,1066FSB,L2:3MB,rev.R0)	ALL	1201 	
Core 2 Duo E7500(2.93GHz,1066FSB,L2:3MB,rev.R0)	ALL	1201 	

CPU	Validated since PCB	Validated since BIOS	Note
Core 2 Duo E7600(3.06GHz,1066FSB,L2:3MB,rev.R0)	ALL	1301 	
Core 2 Duo E8200 (2.66GHz,1333FSB,L2:6MB,rev.C0)	ALL	0806 	
Core 2 Duo E8300 (2.83GHz,1333FSB,L2:6MB,rev.C0)	ALL	1002 	
Core 2 Duo E8400 (3.00GHz,1333FSB,L2:6MB,65W,rev.E0)	ALL	1104 	
Core 2 Duo E8400 (3.00GHz,1333FSB,L2:6MB,rev.C0)	ALL	0806 	
Core 2 Duo E8500 (3.16GHz,1333FSB,L2:6MB,65W,rev.E0)	ALL	1104 	
Core 2 Duo E8500 (3.16GHz,1333FSB,L2:6MB,rev.C0)	ALL	0806 	
Core 2 Duo E8600 (3.33GHz,1333FSB,L2:6MB,65W,rev.E0)	ALL	1104 	
Core 2 Extreme QX6700(revB3,2.66GHz,1066FSB,L2:2X4MB)	ALL	0403 	
Core 2 Extreme QX6800 (rev.G0,2.93GHz,1066FSB,L2:2X4MB,4 cores)	ALL	0403 	
Core 2 Extreme QX6800(revB3,2.93GHz,1066FSB,L2:2X4MB)	ALL	0403 	
Core 2 Extreme QX6850(revG0,3.00GHz,1333FSB,L2:2X4MB)	ALL	0403 	
Core 2 Extreme QX9650 (rev.C1,3.00GHz,1333FSB,L2:2X6MB,4 cores)	ALL	1002 	
Core 2 Extreme QX9650(revC0,3.00GHz,1333FSB,L2:2X6MB)	ALL	0704 	

CPU	Validated since PCB	Validated since BIOS	Note
Core 2 Extreme QX9770(revC1,3.2GHz,1600FSB,L2:2X6MB)	ALL	1002 	
Core 2 Extreme X6800(2.93GHz,1066FSB,L2:4MB,revB2)	ALL	0403 	
Core 2 Quad Q6700 (2.66GHz,1066FSB,L2:2X4MB,rev.G0,4 cores)	ALL	0403 	
Core 2 Quad Q8200 (rev.M1,2.33GHz,1333FSB,L2:4MB,4 cores)	ALL	1002 	
Core 2 Quad Q8200 (rev.R0,2.33GHz,1333FSB,L2:4MB,4 cores)	ALL	1301 	
Core 2 Quad Q8200S (rev.R0,2.33GHz,1333FSB,L2:4MB,4 cores)	ALL	1201 	
Core 2 Quad Q8300 (rev.R0,2.50GHz,1333FSB,L2:4MB,4 cores)	ALL	1201 	
Core 2 Quad Q8400 (rev.R0,2.66GHz,1333FSB,L2:4MB,4 cores)	ALL	1301 	
Core 2 Quad Q8400S (rev.R0,2.66GHz,1333FSB,L2:4MB,4 cores)	ALL	1301 	
Core 2 Quad Q9300 (2.5GHz,1333FSB,L2:6MB,rev.M1,4 cores)	ALL	1002 	
Core 2 Quad Q9400 (rev.R0,2.66GHz,1333FSB,L2:6MB)	ALL	1104 	
Core 2 Quad Q9400S (rev.R0,2.66GHz,1333FSB,L2:6MB)	ALL	1201 	
Core 2 Quad Q9450 (2.66GHz,1333FSB,L2:12MB,rev.C1)	ALL	1002 	
Core 2 Quad Q9500 (2.83GHz,1333FSB,L2:6MB,rev.R0)	ALL	1503 	

CPU	Validated since PCB	Validated since BIOS	Note
Core 2 Quad Q9505(rev.R0,2.83GHz,1333FSB,L2:6MB)	ALL	1301 	
Core 2 Quad Q9550(2.83GHz,1333FSB,L2:12MB,rev.C1)	ALL	1002 	
Core 2 Quad Q9550(rev.E0,2.83GHz,1333FSB,L2:12MB)	ALL	1104 	
Core 2 Quad Q9550S(rev.E0,2.83GHz,1333FSB,L2:12MB)	ALL	1201 	
Core 2 Quad Q9650(rev.E0,3.00GHz,1333FSB,L2:12MB)	ALL	1104 	
P4-3.40GHz(FSB800, revR0)	ALL	0403 	
P4-3.73 GHz Extreme Ed. (1066 FSB, HT, revN0, LGA775)	ALL	0403 	
P4-3.80GHz(FSB800, revR0)	ALL	0403 	
P4-520/520J (2.8E GHz) (800 FSB) (D0)	ALL	0403 	
P4-520/520J (2.8E GHz) (800 FSB) (E0)	ALL	0403 	
P4-530/530J (3E GHz) (800 FSB) (D0,E0)	ALL	0403 	
P4-531 (3GHz, 800 FSB, L2 1MB)(D0,E0)	ALL	0403 	
P4-541 (3.2GHz, 800 FSB, L2 1MB)(E0,D0)	ALL	0403 	
P4-550/550J (3.4E GHz) (800 FSB) (D0.E0)	ALL	0403 	

CPU	Validated since PCB	Validated since BIOS	Note
P4-551 (3.4GHz, 800 FSB, L2 1MB,D0,E0)	ALL	0403 	
P4-560/560J (3.6 GHz) (800 FSB) (DO,E0)	ALL	0403 	
P4-630 (3.0E GHz, 800 FSB, L2:2MB, EM64T, HT)	ALL	0403 	
P4-631 (65nm,3.0GHz, 800 FSB, L2:2MB, revB1)	ALL	0403 	
P4-631 (65nm,3.0GHz, 800 FSB, L2:2MB, revC1)	ALL	0403 	
P4-631 (65nm,3.0GHz, 800 FSB, L2:2MB, revD0)	ALL	0403 	
P4-640 (3.2E GHz, 800 FSB, L2:2MB, EM64T, HT)	ALL	0403 	
P4-641 (65nm,3.2GHz, 800 FSB, L2:2MB, revB1)	ALL	0403 	
P4-641 (65nm,3.2GHz, 800 FSB, L2:2MB, revC1)	ALL	0403 	
P4-641 (65nm,3.2GHz, 800 FSB, L2:2MB, revD0)	ALL	0403 	
P4-650 (3.4E GHz, 800 FSB, L2:2MB, EM64T, HT)	ALL	0403 	
P4-651 (65nm,3.4GHz, 800 FSB, L2:2MB, revB1)	ALL	0403 	
P4-651 (65nm,3.4GHz, 800 FSB, L2:2MB, revC1)	ALL	0403 	
P4-651 (65nm,3.4GHz, 800 FSB, L2:2MB, revD0)	ALL	0403 	

CPU	Validated since PCB	Validated since BIOS	Note
P4-660 (3.6E GHz, 800 FSB, L2:2MB, EM64T, HT)	ALL	0403 	
P4-661 (65nm,3.6GHz, 800 FSB, L2:2MB, revB1)	ALL	0403 	
P4-661 (65nm,3.6GHz, 800 FSB, L2:2MB, revC1)	ALL	0403 	
P4-661 (65nm,3.6GHz, 800 FSB, L2:2MB, revD0)	ALL	0403 	
P4-662 (3.6 GHz, 800 FSB, L2:2MB, EM64T, HT, revR0)	ALL	0403 	
P4-670 (3.8 GHz, 800 FSB, L2:2MB,N0)	ALL	0403 	
P4-672 (3.8 GHz, 800 FSB, L2:2MB, revR0)	ALL	0403 	
Pentium D 820 (2.8 GHz, 800 FSB, revA0)	ALL	0403 	
Pentium D 820 (2.8 GHz, 800 FSB, revB0)	ALL	0403 	
Pentium D 830 (3.0 GHz, 800 FSB, revA0)	ALL	0403 	
Pentium D 830 (3.0 GHz, 800 FSB, revB0)	ALL	0403 	
Pentium D 840 (3.2 GHz, 800 FSB, revA0)	ALL	0403 	
Pentium D 840 (3.2 GHz, 800 FSB, revB0)	ALL	0403 	
Pentium D 915(2.8GHz, 800 FSB, L2 4MB, revC1, without VT function)	ALL	0403 	

CPU	Validated since PCB	Validated since BIOS	Note
Pentium D 915(2.8GHz, 800 FSB, L2 4MB, revD0,without VT function)	ALL	0403 	
Pentium D 920(2.8GHz, 800 FSB, L2 4MB, revB1)	ALL	0403 	
Pentium D 925(3.0GHz, 800 FSB, L2 4MB, revC1, without VT function)	ALL	0403 	
Pentium D 925(3.0GHz, 800 FSB, L2 4MB, revD0, without VT function)	ALL	0403 	
Pentium D 930(3.0GHz, 800 FSB, L2 4MB, revB1)	ALL	0403 	
Pentium D 940(3.2GHz, 800 FSB, L2 4MB, revB1)	ALL	0403 	
Pentium D 945(3.4GHz, 800 FSB, L2 4MB, revC1, without VT function)	ALL	0403 	
Pentium D 945(3.4GHz, 800 FSB, L2 4MB, revD0, without VT function)	ALL	0403 	
Pentium D 950(3.4GHz, 800 FSB, L2 4MB, revB1)	ALL	0403 	
Pentium D 950(3.4GHz, 800 FSB, L2 4MB, revC1)	ALL	0403 	
Pentium D 960(3.6GHz, 800 FSB, L2 4MB, revC1)	ALL	0403 	
Pentium D 960(3.6GHz, 800 FSB, L2 4MB, revD0)	ALL	0403 	
Pentium Dual Core E2140(1.6GHz, 800FSB, L2 1MB,L2)	ALL	0403 	
Pentium Dual Core E2140(1.6GHz,800FSB,L2 1MB,M0)	ALL	0403 	

CPU	Validated since PCB	Validated since BIOS	Note
Pentium Dual Core E2160(1.8GHz, 800FSB, L2 1MB,L2)	ALL	0403 	
Pentium Dual Core E2160(1.8GHz,800FSB,L2 1MB,M0)	ALL	0403 	
Pentium Dual Core E2180(2.0GHz,800FSB,L2 1MB,M0)	ALL	0403 	
Pentium Dual Core E2200(2.2GHz,800FSB,L2 1MB,M0)	ALL	0703 	
Pentium Dual Core E2210(2.2GHz,800FSB,L2 1MB,R0)	ALL	1404 	
Pentium Dual Core E2220(2.4GHz,800FSB,L2 1MB,M0)	ALL	0703 	
Pentium Dual Core E5000 (3.4GHz,800FSB,L2:2MB,rev.R0)	ALL	1404 	
Pentium Dual Core E5200 (2.50GHz,800FSB,L2:2MB,rev.M0)	ALL	1104 	
Pentium Dual Core E5200(2.50GHz,800FSB,L2:2MB,rev.R0)	ALL	1301 	
Pentium Dual Core E5300 (2.60GHz,800FSB,L2:2MB,rev.R0)	ALL	1201 	
Pentium Dual Core E5400 (2.70GHz,800FSB,L2:2MB,rev.R0)	ALL	1201 	
Pentium Dual Core E5500 (2.8GHz,800FSB,L2:2MB,rev.R0)	ALL	1404 	
Pentium Dual Core E5700 (3.0GHz,800FSB,L2:2MB,rev.R0)	ALL	1404 	
Pentium Dual Core E5800 (3.2GHz,800FSB,L2:2MB,rev.R0)	ALL	1404 	

CPU	Validated since PCB	Validated since BIOS	Note
Pentium Dual Core E6300 (2.8GHz,1066FSB,L2:2MB,rev.R0)	ALL	1301 GO	
Pentium Dual Core E6500 (2.93GHz,1066FSB,L2:2MB,rev.R0)	ALL	1301 GO	
Pentium Dual Core E6500K (2.93GHz,1066FSB,L2:2MB,rev.R0)	ALL	1301 GO	
Pentium Dual Core E6600 (3.06GHz,1066FSB,L2:2MB,rev.R0)	ALL	1301 GO	
Pentium Dual Core E6700 (3.2GHz,1066FSB,L2:2MB,rev.R0)	ALL	1404 GO	
Pentium Dual Core E6800 (3.3GHz,1066FSB,L2:2MB,rev.R0)	ALL	1404 GO	
Pentium Extreme Ed-840 (3.2 GHz, 800 FSB, revA0)	ALL	0403 GO	
Pentium Extreme Ed-840 (3.2 GHz, 800 FSB, revB0)	ALL	0403 GO	
Pentium Extreme ED-955(3.46GHz, rev A0,B1)	ALL	0403 GO	
Pentium Extreme ED-965(3.73GHz, rev C1)	ALL	0403 GO	

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