

P5E-VM HDMI



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**P5E-VM HDMI**

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# CPU SUPPORT

CPU Support

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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
Celeron 420(1.60GHz,800 FSB,L2 512KB,LGA775,revA1)	ALL	0202 <a href="#">GO</a>	
Celeron 430(1.80GHz,800 FSB,L2 512KB,LGA775,revA1)	ALL	0202 <a href="#">GO</a>	
Celeron 440(2.00GHz,800 FSB,L2 512KB,LGA775,revA1)	ALL	0202 <a href="#">GO</a>	
Celeron 450(2.2GHz,800 FSB,L2 512KB,LGA775,revA1)	ALL	0604 <a href="#">GO</a>	
Celeron Dual Core E1200(revM0,1.6GHz,800 FSB,L2:512K)	ALL	0405 <a href="#">GO</a>	
Celeron Dual Core E1400 (revM0,2.0GHz, 800 FSB, L2: 512K)	ALL	0405 <a href="#">GO</a>	
Celeron Dual Core E1500(revM0,2.2GHz,800 FSB,L2: 512K)	ALL	0405 <a href="#">GO</a>	
Celeron Dual Core E3200(revR0,2.4GHz,800 FSB,L2: 1M)	ALL	0604 <a href="#">GO</a>	

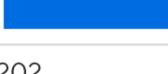
CPU	Validated since PCB	Validated since BIOS	Note
Celeron Dual Core E3300(revR0,2.5GHz,800 FSB,L2: 1M)	ALL	0604 <a href="#">GO</a>	
Celeron Dual Core E3400(revR0,2.6GHz,800 FSB,L2: 1M)	ALL	0604 <a href="#">GO</a>	
Celeron Dual Core E3500(revR0,2.7GHz,800 FSB,L2: 1M)	ALL	0604 <a href="#">GO</a>	
Core 2 Duo E4300 (1.8GHz,800FSB,L2:2MB,65W,rev.L2)	ALL	0202 <a href="#">GO</a>	
Core 2 Duo E4400 (2.0GHz,800FSB,L2:2MB,65W,rev.L2)	ALL	0202 <a href="#">GO</a>	
Core 2 Duo E4400 (2.0GHz,800FSB,L2:2MB,65W,rev.M0)	ALL	0202 <a href="#">GO</a>	
Core 2 Duo E4500 (2.2GHz,800FSB,L2:2MB,65W,rev.M0)	ALL	0202 <a href="#">GO</a>	
Core 2 Duo E6300 (1.86GHz,1066FSB,L2:2MB,rev.B2)	ALL	0202 <a href="#">GO</a>	
Core 2 Duo E6300 (1.86GHz,1066FSB,L2:2MB,rev.L2)	ALL	0202 <a href="#">GO</a>	
Core 2 Duo E6320 (1.86GHz,1066FSB,L2:4MB,rev.B2)	ALL	0202 <a href="#">GO</a>	
Core 2 Duo E6400 (2.13GHz,1066FSB,L2:2MB,rev.B2)	ALL	0202 <a href="#">GO</a>	
Core 2 Duo E6400 (2.13GHz,1066FSB,L2:2MB,rev.L2)	ALL	0202 <a href="#">GO</a>	
Core 2 Duo E6420 (2.13GHz,1066FSB,L2:4MB,rev.B2)	ALL	0202 <a href="#">GO</a>	
Core 2 Duo E6540 (2.33GHz,1333FSB,L2:4MB,rev.G0)	ALL	0202 <a href="#">GO</a>	
Core 2 Duo E6550 (2.33GHz,1333FSB,L2:4MB,rev.G0)	ALL	0202 <a href="#">GO</a>	
Core 2 Duo E6600 (2.40GHz,1066FSB,L2:4MB,rev.B2)	ALL	0202 <a href="#">GO</a>	
Core 2 Duo E6700 (2.66GHz,1066FSB,L2:4MB,rev.B2)	ALL	0202 <a href="#">GO</a>	
Core 2 Duo E6750 (2.66GHz,1333FSB,L2:4MB,rev.G0)	ALL	0202 <a href="#">GO</a>	
Core 2 Duo E6850 (3.00GHz,1333FSB,L2:4MB,rev.G0)	ALL	0202 <a href="#">GO</a>	
Core 2 Duo E7200(2.53GHz,1066FSB,L2:3MB,rev.M0)	ALL	0505 <a href="#">GO</a>	

CPU	Validated since PCB	Validated since BIOS	Note
Core 2 Duo E7300(2.66GHz,1066FSB,L2:3MB,rev.M0)	ALL	0505 <a href="#">GO</a>	
Core 2 Duo E7400(2.80GHz,1066FSB,L2:3MB,rev.R0)	ALL	0604 <a href="#">GO</a>	
Core 2 Duo E7500(2.93GHz,1066FSB,L2:3MB,rev.R0)	ALL	0604 <a href="#">GO</a>	
Core 2 Duo E7600(3.06GHz,1066FSB,L2:3MB,rev.R0)	ALL	0604 <a href="#">GO</a>	
Core 2 Duo E8200 (2.66GHz,1333FSB,L2:6MB,rev.C0)	ALL	0405 <a href="#">GO</a>	
Core 2 Duo E8400 (3.00GHz,1333FSB,L2:6MB,65W,rev.E0)	ALL	0604 <a href="#">GO</a>	
Core 2 Duo E8400 (3.00GHz,1333FSB,L2:6MB,rev.C0)	ALL	0405 <a href="#">GO</a>	
Core 2 Duo E8500 (3.16GHz,1333FSB,L2:6MB,65W,rev.E0)	ALL	0604 <a href="#">GO</a>	
Core 2 Duo E8500 (3.16GHz,1333FSB,L2:6MB,rev.C0)	ALL	0405 <a href="#">GO</a>	
Core 2 Duo E8600 (3.33GHz,1333FSB,L2:6MB,65W,rev.E0)	ALL	0604 <a href="#">GO</a>	
Core 2 Extreme QX6700(revB3,2.66GHz,1066FSB,L2:2X4MB)	ALL	0202 <a href="#">GO</a>	
Core 2 Extreme QX6800 (rev.G0,2.93GHz,1066FSB,L2:2X4MB,4 cores)	ALL	0202 <a href="#">GO</a>	
Core 2 Extreme QX6800(revB3,2.93GHz,1066FSB,L2:2X4MB)	ALL	0202 <a href="#">GO</a>	
Core 2 Extreme QX6850(revG0,3.00GHz,1333FSB,L2:2X4MB)	ALL	0202 <a href="#">GO</a>	
Core 2 Extreme QX9650 (rev.C1,3.00GHz,1333FSB,L2:2X6MB,4 cores)	ALL	0505 <a href="#">GO</a>	
Core 2 Extreme QX9650(revC0,3.00GHz,1333FSB,L2:2X6MB)	ALL	0301 <a href="#">GO</a>	
Core 2 Extreme X6800(2.93GHz,1066FSB,L2:4MB,revB2)	ALL	0202 <a href="#">GO</a>	
Core 2 Quad Q6400 (2.13GHz,1066FSB,L2:2X4MB,rev.B3,4 cores)	ALL	0202 <a href="#">GO</a>	
Core 2 Quad Q6600 (2.40GHz,1066FSB,L2:2X4MB,rev.B3,4 cores)	ALL	0202 <a href="#">GO</a>	
Core 2 Quad Q6600 (2.40GHz,1066FSB,L2:2X4MB,rev.G0,4 cores)	ALL	0202 <a href="#">GO</a>	

CPU	Validated since PCB	Validated since BIOS	Note
Core 2 Quad Q6700 (2.66GHz,1066FSB,L2:2X4MB,rev.G0,4 cores)	ALL	0202 	
Core 2 Quad Q8200 (rev.M1,2.33GHz,1333FSB,L2:4MB,4 cores)	ALL	0506 	
Core 2 Quad Q8200 (rev.R0,2.33GHz,1333FSB,L2:4MB,4 cores)	ALL	0604 	
Core 2 Quad Q8200S (rev.R0,2.33GHz,1333FSB,L2:4MB,4 cores)	ALL	0604 	
Core 2 Quad Q8300 (rev.R0,2.50GHz,1333FSB,L2:4MB,4 cores)	ALL	0604 	
Core 2 Quad Q8400 (rev.R0,2.66GHz,1333FSB,L2:4MB,4 cores)	ALL	0604 	
Core 2 Quad Q8400S (rev.R0,2.66GHz,1333FSB,L2:4MB,4 cores)	ALL	0604 	
Core 2 Quad Q9400 (rev.R0,2.66GHz,1333FSB,L2:6MB)	ALL	0604 	
Core 2 Quad Q9400S (rev.R0,2.66GHz,1333FSB,L2:6MB)	ALL	0604 	
Core 2 Quad Q9450 (2.66GHz,1333FSB,L2:12MB,rev.C1)	ALL	0505 	
Core 2 Quad Q9500 (2.83GHz,1333FSB,L2:6MB,rev.R0)	ALL	0604 	
Core 2 Quad Q9505(rev.R0,2.83GHz,1333FSB,L2:6MB)	ALL	0604 	
Core 2 Quad Q9550(2.83GHz,1333FSB,L2:12MB,rev.C1)	ALL	0505 	
Core 2 Quad Q9550(rev.E0,2.83GHz,1333FSB,L2:12MB)	ALL	0604 	
Core 2 Quad Q9550S(rev.E0,2.83GHz,1333FSB,L2:12MB)	ALL	0604 	
Core 2 Quad Q9650(rev.E0,3.00GHz,1333FSB,L2:12MB)	ALL	0604 	
P4-3.20F GHz (EM64T)	ALL	0202 	
P4-3.40F GHz (EM64T)	ALL	0202 	
P4-3.40GHz(FSB800, revR0)	ALL	0202 	
P4-3.60F GHz (EM64T)	ALL	0202 	

CPU	Validated since PCB	Validated since BIOS	Note
P4-3.73 GHz Extreme Ed. (1066 FSB, HT, revN0, LGA775)	ALL	0202 <a href="#">GO</a>	
P4-3.80F GHz (EM64T)	ALL	0202 <a href="#">GO</a>	
P4-3.80GHz(FSB800, revR0)	ALL	0202 <a href="#">GO</a>	
P4-520/520J (2.8E GHz) (800 FSB) (D0)	ALL	0202 <a href="#">GO</a>	
P4-520/520J (2.8E GHz) (800 FSB) (E0)	ALL	0202 <a href="#">GO</a>	
P4-521 (2.8GHz, 800 FSB,HT, L2 1MB)(D0,E0)	ALL	0202 <a href="#">GO</a>	
P4-530/530J (3E GHz) (800 FSB) (D0,E0)	ALL	0202 <a href="#">GO</a>	
P4-531 (3GHz, 800 FSB, L2 1MB)(D0,E0)	ALL	0202 <a href="#">GO</a>	
P4-540/540J (3.2E GHz) (800 FSB) (E0,D0)	ALL	0202 <a href="#">GO</a>	
P4-541 (3.2GHz, 800 FSB, L2 1MB)(E0,D0)	ALL	0202 <a href="#">GO</a>	
P4-550/550J (3.4E GHz) (800 FSB) (D0.E0)	ALL	0202 <a href="#">GO</a>	
P4-551 (3.4GHz, 800 FSB, L2 1MB,D0,E0)	ALL	0202 <a href="#">GO</a>	
P4-560/560J (3.6 GHz) (800 FSB) (D0,E0)	ALL	0202 <a href="#">GO</a>	
P4-561 (3.6GHz, 800 FSB, L2 1MB)	ALL	0202 <a href="#">GO</a>	
P4-561 (3.6GHz, 800 FSB, L2 1MB)(E0,D0)	ALL	0202 <a href="#">GO</a>	
P4-570J (3.8 GHz) (800 FSB) (D0,E0)	ALL	0202 <a href="#">GO</a>	
P4-571 (3.8GHz, 800 FSB, L2 1MB V E0)	ALL	0202 <a href="#">GO</a>	
P4-630 (3.0E GHz, 800 FSB, L2:2MB, EM64T, HT)	ALL	0202 <a href="#">GO</a>	
P4-631 (65nm,3.0GHz, 800 FSB, L2:2MB, revB1)	ALL	0202 <a href="#">GO</a>	
P4-631 (65nm,3.0GHz, 800 FSB, L2:2MB, revC1)	ALL	0202 <a href="#">GO</a>	

CPU	Validated since PCB	Validated since BIOS	Note
P4-631 (65nm,3.0GHz, 800 FSB, L2:2MB, revD0)	ALL	0202 <a href="#">GO</a>	
P4-640 (3.2E GHz, 800 FSB, L2:2MB, EM64T, HT)	ALL	0202 <a href="#">GO</a>	
P4-641 (65nm,3.2GHz, 800 FSB, L2:2MB, revB1)	ALL	0202 <a href="#">GO</a>	
P4-641 (65nm,3.2GHz, 800 FSB, L2:2MB, revC1)	ALL	0202 <a href="#">GO</a>	
P4-641 (65nm,3.2GHz, 800 FSB, L2:2MB, revD0)	ALL	0202 <a href="#">GO</a>	
P4-650 (3.4E GHz, 800 FSB, L2:2MB, EM64T, HT)	ALL	0202 <a href="#">GO</a>	
P4-651 (65nm,3.4GHz, 800 FSB, L2:2MB, revB1)	ALL	0202 <a href="#">GO</a>	
P4-651 (65nm,3.4GHz, 800 FSB, L2:2MB, revC1)	ALL	0202 <a href="#">GO</a>	
P4-651 (65nm,3.4GHz, 800 FSB, L2:2MB, revD0)	ALL	0202 <a href="#">GO</a>	
P4-660 (3.6E GHz, 800 FSB, L2:2MB, EM64T, HT)	ALL	0202 <a href="#">GO</a>	
P4-661 (65nm,3.6GHz, 800 FSB, L2:2MB, revB1)	ALL	0202 <a href="#">GO</a>	
P4-661 (65nm,3.6GHz, 800 FSB, L2:2MB, revC1)	ALL	0202 <a href="#">GO</a>	
P4-661 (65nm,3.6GHz, 800 FSB, L2:2MB, revD0)	ALL	0202 <a href="#">GO</a>	
P4-662 (3.6 GHz, 800 FSB, L2:2MB, EM64T, HT, revR0)	ALL	0202 <a href="#">GO</a>	
P4-670 (3.8 GHz, 800 FSB, L2:2MB,N0)	ALL	0202 <a href="#">GO</a>	
P4-672 (3.8 GHz, 800 FSB, L2:2MB, revR0)	ALL	0202 <a href="#">GO</a>	
Pentium D 820 (2.8 GHz, 800 FSB, revA0)	ALL	0202 <a href="#">GO</a>	
Pentium D 820 (2.8 GHz, 800 FSB, revB0)	ALL	0202 <a href="#">GO</a>	
Pentium D 830 (3.0 GHz, 800 FSB, revA0)	ALL	0202 <a href="#">GO</a>	
Pentium D 830 (3.0 GHz, 800 FSB, revB0)	ALL	0202 <a href="#">GO</a>	

CPU	Validated since PCB	Validated since BIOS	Note
Pentium D 840 (3.2 GHz, 800 FSB, revA0)	ALL	0202 	
Pentium D 840 (3.2 GHz, 800 FSB, revB0)	ALL	0202 	
Pentium D 915(2.8GHz, 800 FSB, L2 4MB, revC1, without VT function)	ALL	0202 	
Pentium D 915(2.8GHz, 800 FSB, L2 4MB, revD0,without VT function)	ALL	0202 	
Pentium D 920(2.8GHz, 800 FSB, L2 4MB, revB1)	ALL	0202 	
Pentium D 925(3.0GHz, 800 FSB, L2 4MB, revC1, without VT function)	ALL	0202 	
Pentium D 925(3.0GHz, 800 FSB, L2 4MB, revD0, without VT function)	ALL	0202 	
Pentium D 930(3.0GHz, 800 FSB, L2 4MB, revB1)	ALL	0202 	
Pentium D 930(3.0GHz, 800 FSB, L2 4MB, revC1)	ALL	0202 	
Pentium D 935(3.2GHz, 800 FSB, L2 4MB, 95W, revD0)	ALL	0202 	
Pentium D 940(3.2GHz, 800 FSB, L2 4MB, revB1)	ALL	0202 	
Pentium D 940(3.2GHz, 800 FSB, L2 4MB, revC1)	ALL	0202 	
Pentium D 945(3.4GHz, 800 FSB, L2 4MB, revC1, without VT function)	ALL	0202 	
Pentium D 945(3.4GHz, 800 FSB, L2 4MB, revD0, without VT function)	ALL	0202 	
Pentium D 950(3.4GHz, 800 FSB, L2 4MB, revB1)	ALL	0202 	
Pentium D 950(3.4GHz, 800 FSB, L2 4MB, revC1)	ALL	0202 	
Pentium D 950(3.4GHz, 800 FSB, L2 4MB, revD0)	ALL	0202 	
Pentium D 960(3.6GHz, 800 FSB, L2 4MB, revC1)	ALL	0202 	
Pentium D 960(3.6GHz, 800 FSB, L2 4MB, revD0)	ALL	0202 	
Pentium Dual Core E2140(1.6GHz, 800FSB, L2 1MB,L2)	ALL	0202 	

CPU	Validated since PCB	Validated since BIOS	Note
Pentium Dual Core E2140(1.6GHz,800FSB,L2 1MB,M0)	ALL	0202 <a href="#">GO</a>	
Pentium Dual Core E2160(1.8GHz, 800FSB, L2 1MB,L2)	ALL	0202 <a href="#">GO</a>	
Pentium Dual Core E2160(1.8GHz,800FSB,L2 1MB,M0)	ALL	0202 <a href="#">GO</a>	
Pentium Dual Core E2180(2.0GHz,800FSB,L2 1MB,M0)	ALL	0202 <a href="#">GO</a>	
Pentium Dual Core E2200(2.2GHz,800FSB,L2 1MB,M0)	ALL	0301 <a href="#">GO</a>	
Pentium Dual Core E2210(2.2GHz,800FSB,L2 1MB,R0)	ALL	0604 <a href="#">GO</a>	
Pentium Dual Core E2220(2.4GHz,800FSB,L2 1MB,M0)	ALL	0301 <a href="#">GO</a>	
Pentium Dual Core E5000 (3.4GHz,800FSB,L2:2MB,rev.R0)	ALL	0604 <a href="#">GO</a>	
Pentium Dual Core E5200 (2.50GHz,800FSB,L2:2MB,rev.M0)	ALL	0604 <a href="#">GO</a>	
Pentium Dual Core E5200(2.50GHz,800FSB,L2:2MB,rev.R0)	ALL	0604 <a href="#">GO</a>	
Pentium Dual Core E5300 (2.60GHz,800FSB,L2:2MB,rev.R0)	ALL	0604 <a href="#">GO</a>	
Pentium Dual Core E5400 (2.70GHz,800FSB,L2:2MB,rev.R0)	ALL	0604 <a href="#">GO</a>	
Pentium Dual Core E5500 (2.8GHz,800FSB,L2:2MB,rev.R0)	ALL	0604 <a href="#">GO</a>	
Pentium Dual Core E5700 (3.0GHz,800FSB,L2:2MB,rev.R0)	ALL	0604 <a href="#">GO</a>	
Pentium Dual Core E5800 (3.2GHz,800FSB,L2:2MB,rev.R0)	ALL	0604 <a href="#">GO</a>	
Pentium Dual Core E6300 (2.8GHz,1066FSB,L2:2MB,rev.R0)	ALL	0604 <a href="#">GO</a>	
Pentium Dual Core E6500 (2.93GHz,1066FSB,L2:2MB,rev.R0)	ALL	0604 <a href="#">GO</a>	
Pentium Dual Core E6500K (2.93GHz,1066FSB,L2:2MB,rev.R0)	ALL	0604 <a href="#">GO</a>	
Pentium Dual Core E6600 (3.06GHz,1066FSB,L2:2MB,rev.R0)	ALL	0604 <a href="#">GO</a>	
Pentium Dual Core E6700 (3.2GHz,1066FSB,L2:2MB,rev.R0)	ALL	0604 <a href="#">GO</a>	

CPU	Validated since PCB	Validated since BIOS	Note
Pentium Dual Core E6800 (3.3GHz,1066FSB,L2:2MB,rev.R0)	ALL	0604 <a href="#">GO</a>	
Pentium Extreme Ed-840 (3.2 GHz, 800 FSB, revA0)	ALL	0202 <a href="#">GO</a>	
Pentium Extreme Ed-840 (3.2 GHz, 800 FSB, revB0)	ALL	0202 <a href="#">GO</a>	
Pentium Extreme ED-955(3.46GHz, rev A0,B1)	ALL	0202 <a href="#">GO</a>	
Pentium Extreme ED-965(3.73GHz, rev C1)	ALL	0202 <a href="#">GO</a>	

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