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P8Z77-M



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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 G470 (2.0G,1C,HT,35W,32nm,L3:1.5MB,HD,rev.Q0)	ALL	2003 GO	
Core i3-2100 (3.1G,L3:3M,iGPU,2C,rev.Q0)	ALL	0802 GO	
Core i3-2100T (2.5G,L3:3M,iGPU,2C,rev.Q0)	ALL	0802 GO	
Core i3-2105 (3.1G,L3:3M,iGPU,2C,rev.D2)	ALL	0802 GO	
Core i3-2120 (3.3G,L3:3M,iGPU,2C,rev.Q0)	ALL	0802 GO	

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Core i3-2125 (3.3G,L3:3M,iGPU,2C)	ALL	0802	GO
Core i3-2130 (3.4G,L3:3M,iGPU,2C)	ALL	0802	GO
Core i3-3210 (3.2G,L3:3M,iGPU,GT1,55W,2C,rev.P0)	ALL	1708	GO
Core i3-3220 (3.3G,L3:3M,iGPU,2C,rev.E1)	ALL	1206	GO
Core i3-3220 (3.3G,L3:3M,iGPU,2C,rev.L1)	ALL	1016	GO
Core i3-3220 (3.3G,L3:3M,iGPU,2C,rev.N0)	ALL	1206	GO
Core i3-3220 (3.3G,L3:3M,iGPU,2C,rev.P0)	ALL	1206	GO
Core i3-3220T (2.8G,L3:3M,iGPU,2C,rev.L1)	ALL	1016	GO
Core i3-3220T (2.8G,L3:3M,iGPU,2C,rev.P0)	ALL	1206	GO
Core i3-3225 (3.3G,L3:3M,iGPU,2C,rev.L1)	ALL	1016	GO
Core i3-3240 (3.4G,L3:3M,iGPU,2C,rev.L1)	ALL	1016	GO
Core i3-3240 (3.4G,L3:3M,iGPU,2C,rev.P0)	ALL	1206	GO
Core i3-3240T (2.9G,L3:3M,iGPU,2C,rev.L1)	ALL	1016	GO
Core i3-3240T (2.9G,L3:3M,iGPU,2C,rev.P0)	ALL	1206	GO

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Core i3-3250 (3.5G,2C,HT,L3:3M,55W,GT1,rev.P0)	ALL	2003	GO
Core i3-3250T (3.0G,2C,HT,L3:3M,35W,GT1,rev.P0)	ALL	2003	GO
Core i5-2300 (2.8G,L3:6M,iGPU,4C,rev.D2)	ALL	0802	GO
Core i5-2310 (2.9G,L3:6M,iGPU,4C,rev.D2)	ALL	0802	GO
Core i5-2320 (3.0G,L3:6M,iGPU,4C,rev.D2)	ALL	0802	GO
Core i5-2380P (3.1G,L3:6M,non-iGPU,4C,rev.D2)	ALL	0802	GO
Core i5-2390T (2.7G,L3:3M,iGPU,2C,rev.Q0)	ALL	0802	GO
Core i5-2400 (3.1G,L3:6M,iGPU,4C,rev.D2)	ALL	0802	GO
Core i5-2400S (2.5G,L3:6M,iGPU,4C,rev.D2)	ALL	0802	GO
Core i5-2405S (2.5G,L3:6M,iGPU,4C,rev.D2)	ALL	0802	GO
Core i5-2450P (3.2G,L3:6M,non-iGPU,4C,rev.D2)	ALL	0802	GO
Core i5-2500 (3.3G,L3:6M,iGPU,4C,rev.D2)	ALL	0802	GO
Core i5-2500K (3.3G,L3:6M,iGPU,4C,rev.D2)	ALL	0802	GO
Core i5-2500S (2.7G,L3:6M,iGPU,4C,rev.D2)	ALL	0802	GO

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Core i5-2550K (3.4G,L3:6M,non-iGPU,4C,rev.D2)	ALL	0906	GO
Core i5-3330 (3.0G,L3:6M,iGPU,4C,VT-d,77W,rev.E1)	ALL	0906	GO
Core i5-3330 (3.0G,L3:6M,iGPU,4C,VT-d,77W,rev.N0)	ALL	1206	GO
Core i5-3330S (2.7G,L3:6M,iGPU,4C,VT-d,65W,rev.E1)	ALL	0906	GO
Core i5-3340 (3.1G, L3:6M, GT1, 4C, VT-d,77W, rev.E1)	ALL	2003	GO
Core i5-3340 (3.1G, L3:6M, GT1, 4C, VT-d,77W, rev.N0)	ALL	2003	GO
Core i5-3340S (2.8G, L3:6M, GT1, 4C, VT-d, 65W, rev.E1)	ALL	2003	GO
Core i5-3350P (3.1G,L3:6M,4C,69W,rev.E1)	ALL	1206	GO
Core i5-3350P (3.1G,L3:6M,4C,69W,rev.N0)	ALL	1206	GO
Core i5-3450 (3.1G,L3:6M,iGPU,4C,VT-d,77W,rev.E1)	ALL	0802	GO
Core i5-3450S (2.8G,L3:6M,iGPU,4C,VT-d,65W,rev.E1)	ALL	0802	GO
Core i5-3470 (3.2G,L3:6M,iGPU,4C,VT-d,77W,rev.N0)	ALL	0906	GO
Core i5-3470S (2.9G,L3:6M,iGPU,4C,VT-d,65W,rev.N0)	ALL	0906	GO
Core i5-3470T (2.9G,L3:3M,iGPU,DC,VT-d,35W,rev.L1)	ALL	0906	GO

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Core i5-3550 (3.3G,L3:6M,iGPU,4C,VT-d,77W,rev.E1)	ALL	0802	GO
Core i5-3550S (3.0G,L3:6M,iGPU,4C,VT-d,65W,rev.E1)	ALL	0802	GO
Core i5-3570 (3.4G,L3:6M,iGPU,4C,VT-d,77W,rev.NO)	ALL	0906	GO
Core i5-3570K (3.4G,L3:6M,iGPU,4C,77W,rev.E1)	ALL	0802	GO
Core i5-3570S (3.1G,L3:6M,iGPU,4C,VT-d,65W,rev.NO)	ALL	0906	GO
Core i5-3570T (2.3G,L3:6M,iGPU,4C,VT-d,45W,rev.E1)	ALL	0802	GO
Core i7-2600 (3.4G,L3:8M,iGPU,4C,rev.D2)	ALL	0802	GO
Core i7-2600K (3.4G,L3:8M,iGPU,4C,rev.D2)	ALL	0802	GO
Core i7-2600S (2.8G,L3:8M,iGPU,4C,rev.D2)	ALL	0802	GO
Core i7-2700K (3.5G,L3:8M,iGPU,4C,rev.D2)	ALL	0802	GO
Core i7-3770 (3.4G,L3:8M,iGPU,4C,HT,VT-d,77W,rev.E1)	ALL	0802	GO
Core i7-3770K (3.5G,L3:8M,iGPU,4C,HT,77W,rev.E1)	ALL	0802	GO
Core i7-3770S (3.1G,L3:8M,iGPU,GT2,4C,HT,VT-d,65W,rev.E1)	ALL	0802	GO
Core i7-3770T (2.5G,L3:8M,iGPU,GT2,4C,HT,VT-d,45W,rev.E1)	ALL	0802	GO

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Intel Celeron G1610 (2.6GHz,55W,L3:2MB,2C,rev.P0)	ALL	1708	GO
Intel Celeron G1610T (2.3GHz,35W,L3:2MB,2C,rev.P0)	ALL	1708	GO
Intel Celeron G1610T (2.3GHz,35W,L3:2MB,2C,rev.P0)	ALL	1708	GO
Intel Celeron G1620 (2.7GHz,55W,L3:2MB,2C,rev.P0)	ALL	1708	GO
Intel Celeron G1620 (2.7GHz,55W,L3:2MB,2C,rev.P0)	ALL	1708	GO
Intel Celeron G1620T (2.4GHz, 2C, 35W, L3:2MB, rev.P0)	ALL	2003	GO
Intel Celeron G1630 (2.8GHz, 55W, L3:2MB, 2C, rev.P0)	ALL	2003	GO
Intel Celeron G440 (1.6G,35W,32nm,1MB,1C)	ALL	0802	GO
Intel Celeron G460 (1.8G,35W,32nm,1.5MB,1C)	ALL	0802	GO
Intel Celeron G465 (1.9G,35W,32nm,1.5MB,1C)	ALL	1406	GO
Intel Celeron G530 (2.4G,65W,32nm,2MB,2C)	ALL	0802	GO
Intel Celeron G530T (2.0G,35W,32nm,2MB,2C)	ALL	0802	GO
Intel Celeron G540 (2.5G,65W,32nm,2MB,2C)	ALL	0802	GO
Intel Celeron G540T (2.1G,35W,32nm,2MB,2C)	ALL	0906	GO

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Intel Celeron G550T (2.2G,35W,32nm,2MB,2C)	ALL	1200	GO
Intel Celeron G555 (2.7G,65W,32nm,2MB,2C)	ALL	1206	GO
Intel Pentium G2010 (2.8GHz,55W,22nm,3MB,2C,rev.E1)	ALL	1708	GO
Intel Pentium G2010 (2.8GHz,55W,22nm,3MB,2C,rev.L1)	ALL	1708	GO
Intel Pentium G2010 (2.8GHz,55W,22nm,3MB,2C,rev.N0)	ALL	1708	GO
Intel Pentium G2010 (2.8GHz,55W,22nm,3MB,2C,rev.P0)	ALL	1708	GO
Intel Pentium G2010 (2.8GHz,55W,22nm,3MB,2C,rev.P0)	ALL	1708	GO
Intel Pentium G2020 (2.9GHz,55W,22nm,3MB,2C,rev.P0)	ALL	1708	GO
Intel Pentium G2020 (2.9GHz,55W,22nm,3MB,2C,rev.P0)	ALL	1708	GO
Intel Pentium G2020T (2.5GHz,35W,22nm,GT1,L3:3MB,2C,rev.P0)	ALL	1708	GO
Intel Pentium G2020T (2.5GHz,35W,22nm,GT1,L3:3MB,2C,rev.P0)	ALL	1708	GO
Intel Pentium G2100T (2.6GHz,35W,22nm,3MB,2C,rev.P0)	ALL	1206	GO
Intel Pentium G2120 (3.1GHz,55W,22nm,3MB,2C,rev.P0)	ALL	1206	GO
Intel Pentium G2130 (3.2GHz,55W,22nm,3MB,2C,rev.P0)	ALL	1708	GO

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Intel Pentium G620T (2.2G,35W,32nm,3MB,2C,rev.Q0)	ALL	0802	
Intel Pentium G630 (2.7G,65W,32nm,3MB,2C)	ALL	0802	
Intel Pentium G630T (2.3G,35W,32nm,3MB,2C)	ALL	0802	
Intel Pentium G640 (2.8G,65W,32nm,3MB,2C)	ALL	0906	
Intel Pentium G640T (2.4G,35W,32nm,3MB,2C)	ALL	0906	
Intel Pentium G645 (2.9G,65W,32nm,3MB,2C)	ALL	1206	
Intel Pentium G645T (2.5G,35W,32nm,3MB,2C)	ALL	1406	
Intel Pentium G840 (2.8G,65W,32nm,3MB,2C,rev.Q0)	ALL	0802	
Intel Pentium G850 (2.9G,65W,32nm,3MB,2C,rev.Q0)	ALL	0802	
Intel Pentium G860 (3.0G,65W,32nm,3MB,2C,rev.Q0)	ALL	0802	
Intel Pentium G860T (2.6G,65W,32nm,3MB,2C,rev.Q0)	ALL	0906	
Intel Pentium G870 (3.1G,65W,32nm,3MB,2C,rev.Q0)	ALL	0906	
Intel Xeon E3-1220 v2 (3.1G,L3:8M,4C,69W)	ALL	1616	 <p>*Intel? Xeon? Processor Family is designed for servers. Some features may not support when installed on Z77 chipsets. For more details, refer to ASUS support site at http://support.asus.com.</p>
Intel Xeon E3-1225 v2 (3.2G,L3:8M,4C,77W)	ALL	1616	 <p>*Intel? Xeon? Processor Family is designed for servers. Some features may not support when installed on Z77 chipsets. For more details, refer to</p>

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Intel Xeon E3-1230 (3.2G,1333,L3:8MB,4C,D2)	ALL		chipsets. For more details, refer to ASUS support site at http://support.asus.com .
Intel Xeon E3-1230 v2 (3.3G,L3:8M,4C,HT,69W)	ALL	1406 	*Since Xeon CPU is not desktop CPU model, some feature may not able to work on this combination. For detail, refer to support.asus.com
Intel Xeon E3-1240 (3.3G,1333,L3:8MB,4C,D2)	ALL	1616 	*Intel? Xeon? Processor Family is designed for servers. Some features may not support when installed on Z77 chipsets. For more details, refer to ASUS support site at http://support.asus.com .
Intel Xeon E3-1240 v2 (3.4G,L3:8M,4C,HT,69W)	ALL	1616 	*Intel? Xeon? Processor Family is designed for servers. Some features may not support when installed on Z77 chipsets. For more details, refer to ASUS support site at http://support.asus.com .
Intel Xeon E3-1245 v2 (3.4G,L3:8M,4C,HT,77W)	ALL	1616 	*Intel? Xeon? Processor Family is designed for servers. Some features may not support when installed on Z77 chipsets. For more details, refer to ASUS support site at http://support.asus.com .
Intel Xeon E3-1265L v2 (2.5G,L3:8M,4C,HT,45W)	ALL	1616 	*Intel? Xeon? Processor Family is designed for servers. Some features may not support when installed on Z77 chipsets. For more details, refer to ASUS support site at http://support.asus.com .
Pentium G2030 (3.0GHz,55W,2C,GT1,22nm,L3:3MB,rev.P0)	ALL	2003 	
Pentium G2030T (2.6GHz,35W,2C,GT1,22nm,L3:3MB,rev.P0)	ALL	2003 	
Pentium G2120T (2.7GHz,35W,2C,GT1,22nm,L3:3MB,rev.P0)	ALL	2003 	
Pentium G2140 (3.3GHz,55W,2C,GT1,22nm,L3:3MB,rev.P1)	ALL	2003 	

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